

ANNUAL MEETING
OF THE **EUROPEAN**
ASSOCIATION OF
ARCHAEOLOGISTS
GLASGOW 2015
2-5 SEPTEMBER

EAA
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2015



PROGRAMME

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**21ST ANNUAL MEETING
OF THE EUROPEAN
ASSOCIATION OF
ARCHAEOLOGISTS
GLASGOW 2015
2-5 SEPTEMBER**

EAA
**GLASGOW
2015**



PROGRAMME

HOSTED BY THE UNIVERSITY
OF GLASGOW, SCOTLAND

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GENERAL PROGRAMME FOR THE EAA GLASGOW 2015 MEETING

MONDAY 31 AUGUST

Pre-Conference Excursion to Kilmartin Glen, Argyll (coach departs from Wolfson Building, University Avenue at 08.30)

TUESDAY 1 SEPTEMBER

Pre-Conference Excursions to:

Lowland Castles (coach departs from Wolfson Building at 08.30)

Edinburgh Old and New Towns (coach departs from Wolfson Building at 08.30)

Historic Battlefields (coach departs from Wolfson Building at 08.30)

Science and Conservation (coaches depart from Wolfson Building at 13.15)

Collection Highlights: The Hunterian and Kelvingrove Museums (walking tour – timings tbc with participating delegates)

09.00 - 18.00 EAA Board Meeting (House for an Art Lover)

WEDNESDAY 2 SEPTEMBER

09.00 - 15.00 EJA Editorial Board Meeting, Club Room, Old Fruitmarket, Candleriggs

10.00 - 15.00 Registration and Helpdesk open at Old Fruitmarket, Candleriggs

16.00 - 18.00 Opening Ceremony at City Halls, Candleriggs

19.00 - 21.00 Civic Welcoming Reception at Glasgow Science Centre (Via coach from Candleriggs - will be provided)

THURSDAY 3 SEPTEMBER

- 08.00 - 18.00 Registration and Helpdesk open in the Concert Hall, University of Glasgow
- 08.00 - 18.00 Scientific Programme parallel sessions in all venues, University of Glasgow
- 08.00 - 18.00 Futures Café – forum for discussion with EAA Board members, Old Archives Room
- 12.30 - 13.30 ClfA Workshop - “A Q&A with the Chartered Institute for Archaeologists”, James Watt South Room 355
- 12.30 - 13.30 Routledge Workshop - “Meet the Editor of The Archaeological Journal”, Joseph Black Building Room 504
- 16.00 - 18.00 AGE (Archaeology and Gender in Europe) Members Working Group, Joseph Black Building Room 407
- 18.00 - 18.30 ‘Cradle of Scotland’ exhibit preview, Hunterian Art Gallery
- 18.30 - 20.00 Glenmorangie Whisky Reception, Hunterian Art Gallery, Hunterian Museum and Kelvin Gallery
- 18.45 - 20.00 Opening of the ‘Cradle of Scotland’ exhibit (By Invitation)
- 18.45 - 20.00 Launch of ‘Archaeology of Film: Past and Future’, Kelvin Gallery, Gilbert Scott Building (all delegates welcome)
- 20.00 - 01.00 Annual Party, Òran Mór, Byres Road and Kibble Palace, Botanic Gardens

FRIDAY 4 SEPTEMBER

- 08.00 - 16.00 Registration and Helpdesk open in the Concert Hall, University of Glasgow
- 08.00 - 16.00 Scientific Programme parallel sessions in all venues, University of Glasgow
- 08.00 - 16.00 Futures Café – forum for discussion with EAA Board members, Old Archives Room
- 10.30 - 11.30 Screening of ‘Archaeology of Film: Past and Future’, Hunterian Lecture Theatre, Hunterian Art Gallery
- 11.30 - 12.30 Re-screening of Opening Ceremony films, Hunterian Lecture Theatre, Hunterian Art Gallery
- 12.30 - 13.30 Screening of ‘Archaeology of Film: Past and Future’, Hunterian Lecture Theatre, Hunterian Art Gallery
- 13.30 - 14.00 Re-screening of Opening Ceremony films. Hunterian Lecture Theatre, Hunterian Art Gallery
- 14.00 - 15.00 Screening of ‘Archaeology of Film: Past and Future’, Hunterian Lecture Theatre, Hunterian Art Gallery

- 12.30 - 13.00 Routledge Workshop - "Increasing the impact of your research: Social Media and Altmetrics", Joseph Black Building Room 504
- 16.15 - 18.00 Annual Membership Business Meeting, Boyd Orr Building Lecture Theatre 1
- 18.30 - 20.00 Maney Publishing – Launch of "Themes in Contemporary Archaeology", Hunter Halls (By Invitation)
- 20.00 - 23.00 MERC Party, Curlers' Rest, Byres Road (Ticketed Event)

SATURDAY 5 SEPTEMBER

- 08.00 - 16.00 Registration and Helpdesk open in the Concert Hall, University of Glasgow
- 08.00 - 18.00 Scientific Programme parallel sessions in all venues, University of Glasgow
- 08.00 - 16.00 Futures Café – forum for discussion with EAA Board members, Old Archives Room
- 19.00 - 23.45 Annual Dinner with Glenmorangie Whisky Tasting and Ceilidh at the Kelvingrove Museum and Art Gallery
- 19.00 - 22.00 Ceilidh at Queen Margaret Union (QMU), University Gardens

SUNDAY 6 SEPTEMBER

Post-Conference Excursions to:

Western Isles and St Kilda (coach departs from the Gregory Building at 06.00)

Picts in Perthshire (coach departs from the Wolfson Building at 08.30)

Coastal Erosion on the Firth of Forth (coach departs from the Wolfson Building at 08.30)

Iona: Cradle of Christianity (coach departs from the Wolfson Building at 08.30)

Roman Scotland: the Antonine Wall (coaches depart from the Wolfson Building at 08.30)

Orkney's Archaeology (coach departs from the Wolfson Building at 12.00)



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- Museum Studies

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OPENING CEREMONY PROGRAMME

WEDNESDAY 2ND SEPTEMBER 2015

REGISTRATION (OLD FRUITMARKET)

10.00am – 3.00pm

OPENING CEREMONY (CITY HALLS)

4.00pm – 6.00pm

AV display of 'Time and Earth Series' by Wilhelmina Barns-Graham CBE; 'Pilgrimage: Wandering Home' by Professor Thomas Joshua Cooper (Glasgow School of Art)

Procession following the EAA Pilgrims' Crozier piped into the hall

Dr Alan Leslie (Northlight Heritage), Master of Ceremonies

Welcome from Professor Marc Lodewijckx, Acting President of the EAA

Welcome from Professor Anton Muscatelli, Principal of the University of Glasgow

'Scotland's Heritage Matters', Fiona Hyslop, Cabinet Secretary for Culture, Europe and External Affairs

Welcome from the Lord Provost of Glasgow

Presentation of European Archaeological Heritage Prize

Presentation of EAA Student Award

Performance on the Deskford Carnyx by Professor John Kenny

'Tracing Stories' a film celebrating the influence of archaeology on Scottish literature by Kate Robinson & Circa Media

'Endeavours and advances in Scottish archaeological science: A European perspective' by Dr Philippa Ascough, Scottish Universities Environmental Research Centre

'Fashioned Earth', a film celebrating Scottish archaeology's ability to inspire artists and engage the public by Kate Robinson & Circa Media

Bagpipe music by Jim Butler:

"The Lament for Mary MacLeod"

"The Royal Scots Polka"

"Highland Laddie"

"The Black Bear"

Board buses to Glasgow Science Centre for Civic Welcome Reception

CIVIC WELCOME RECEPTION (GLASGOW SCIENCE CENTRE)

7.00pm – 9.00pm



Caisteal Grugaig sand drawings inspired by Forestry Commission Scotland archaeological survey, 2015. Kate Robinson

OPENING CEREMONY ART FILMS

Tracing Stories

Scotland's historic environments kindle in the imagination what Robert Burns has called the 'spark o' nature's fire'. Tracing Stories is a short film that follows this spark in Scottish poetry and prose.

Tracing Stories celebrates some of our earliest poetry - attributed to St Columba - with its description of the Abbey on Iona... to some of our most recent prose - with Alexander McCall Smith enthused by Edinburgh: 'so beautiful it breaks the heart'.

The film follows the spark of nature's fire through Effie MacCrimmon's nineteenth century Gaelic 'Rowing Song' composed on Saint Kilda to George Mackay Brown's timeless eulogy to Maeshowe.

Igniting Scottish writers' sparks, from Scott, to Stevenson to Iain Banks, Scotland's archaeology has proved to be of feisty flint.

Fashioned Earth

Archaeologists know sand is a fundamental component of the earth. If you look closely at our next film, Fashioned Earth, you will see our own Professor Driscoll wheelbarrowing some of it down a grassy slope at the archaeological dig at Dunning for the first of four sand drawings that were made by sculptor Kate Robinson at sites throughout Scotland.

Fashioned Earth is inspired by the colours and forms of new measured archaeological surveys. The drawing at Dunning, for example, is evocative of the nearby Forgadenny hillfort in plan. Each of the other drawings takes its cue from its site: the hillfort at Craig Phadrig near Inverness, Whithorn Abbey in Dumfries and Galloway, and Govan Old Parish church, here in Glasgow.

The idea was to bring colour into archaeology: the colours of new archaeological surveys; of the bright reds and ochres of vitrified earth; of the jewels and decoration of ecclesiastical ornament and of the vibrancy of painted Pictish sculpture.



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BOARDS OF EAA GLASGOW 2015

21ST ANNUAL MEETING OF THE EUROPEAN ASSOCIATION OF ARCHAEOLOGISTS

SCIENTIFIC COMMITTEE

- Prof. Ian Armit, Professor of Archaeology, University of Bradford
- Dr. Louisa Campbell, EAA Glasgow 2015 Coordinator, University of Glasgow (Secretary)
- Prof. Gordon Cook, Scottish Universities Environmental Research Centre (SUERC), University of Glasgow
- Prof. Jane Downes, Head of Archaeology, Orkney College, University of the Highlands and Islands
- Prof. Stephen Driscoll, Professor of Historical Archaeology, University of Glasgow (Chair)
- Dr. Georg Haggrén, Docent in Historical Archaeology, University of Helsinki, Finland
- Mark Hall, Museum Curator, Perth & Kinross Council
- Dr. Sophie Hueglin, Marie Curie Intra-European Fellow, Newcastle University
- Prof. Marc Lodewijckx, Archaeology, KU Leuven, Belgium
- Dr. Lesley Macinnes, Head of Strategy and Operations, Historic Scotland
- Prof. Ian Ralston, Abercromby Professor of Prehistoric Archaeology, University of Edinburgh
- Dr. Robin Skeates, Reader in Archaeology, Durham University
- Dr. Nurcan Yalman, Center for International Heritage Activities and Cultural Awareness Foundation, Istanbul

LOCAL ORGANISING COMMITTEE:

- Prof. Stephen Driscoll, Professor of Historical Archaeology, University of Glasgow (Chair)
- Dr. Louisa Campbell, EAA Glasgow 2015 Coordinator, University of Glasgow (Secretary)
- Derek Alexander, Head of Archaeological Services, National Trust for Scotland
- Dr. Nyree Finlay, Head of Archaeology, University of Glasgow
- Dr. Sally Foster, Lecturer in Heritage and Conservation, University of Stirling
- Prof. David Gaimster, Director, Hunterian Museum & Art Gallery
- Dr. Simon Gilmour, Director, Society of Antiquaries of Scotland
- Dr. Rebecca Jones, Head of Archaeological Strategy, Historic Scotland
- Dr. Alan Leslie, Director, Northlight Heritage
- Roderick McCullagh, Depute Head of Archaeological Strategy, Historic Scotland
- Dr. Alison Sheridan, Principal Curator, National Museums Scotland
- Dr. Robin Skeates, Reader in Archaeology, Durham University

EAA EXECUTIVE BOARD

- Marc Lodewijckx (Secretary)
- Margaret Gowen (Treasurer)
- Alessandro Vanzetti (Board Member)
- Monique van den Dries (Board Member)
- Agnė Čivilytė (Board Member)
- Nurcan Yalman (Board Member)
- Maria Gurova (Board Member)
- Sophie Hüglin (Board Member)
- Robin Skeates (EJA Editor and ex-officio Board member)
- Alexander Gramsch (TEA Editor and ex-officio Board member (outgoing))
- Lidka Zuk (Assistant TEA Editor and ex-officio Board member (outgoing))
- Katharina Rebay-Salisbury (Incoming TEA Editors and ex-officio Board member)
- Roderick Salisbury (Incoming TEA Editors and ex-officio Board member)



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Stirling Castle



Urquhart Castle



Edinburgh Castle



Skara Brae

SOCIAL PROGRAMME

WEDNESDAY 2 SEPTEMBER

- 16.00 - 18.00 Opening Ceremony at City Halls, Candleriggs
19.00 - 21.00 Civic Welcoming Reception at Glasgow Science Centre (Coaches will be provided)

THURSDAY 3 SEPTEMBER

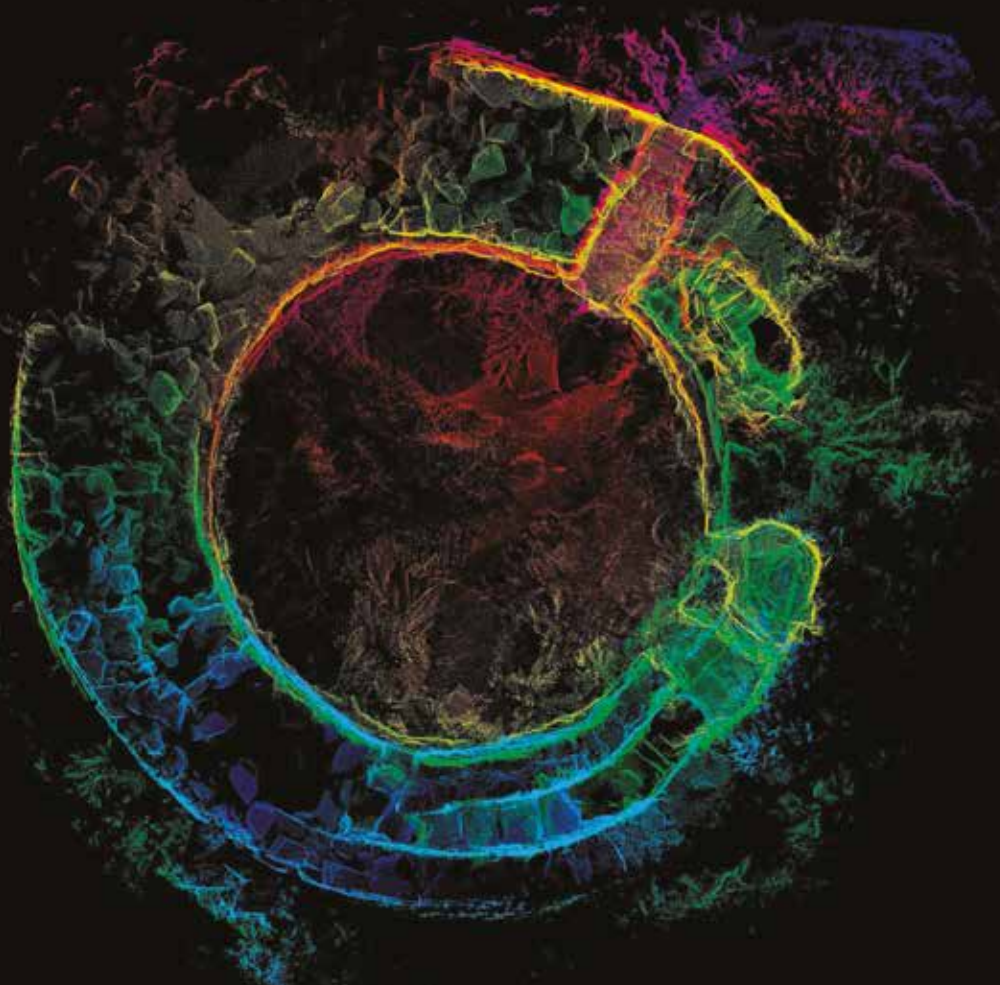
- 18.00 - 18.30 'Cradle of Scotland' exhibit opens for preview, Hunterian Art Gallery
18.30 - 20.00 Glenmorangie Whisky Reception, Hunterian Art Gallery, Hunterian Museum and Kelvin Gallery
18.45 - 20.00 Opening of the 'Cradle of Scotland' exhibit (By Invitation)
18.45 - 20.00 Launch of 'Archaeology of Film: Past and Future', Kelvin Gallery, Gilbert Scott Building (All delegates welcome)
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FRIDAY 4 SEPTEMBER

- 18.30 - 20.00 Maney Publishing – Launch of "Themes in Contemporary Archaeology", Hunter Halls (By Invitation)
20.00 - 23.00 MERC Party, Curlers' Rest, Byres Road (Ticketed Event)

SATURDAY 5 SEPTEMBER

- 19.00 - 23.45 Annual Dinner with Glenmorangie Whisky Tasting and Ceilidh at the Kelvingrove Museum and Art Gallery
19.00 - 22.00 Ceilidh at Queen Margaret Union, University Gardens



firecrackerrecordings.bandcamp.com/album/mac-talla-nan-creag

ARTS PROGRAMME

FILMS

Tracing Stories

Premier: EAA Glasgow 2015 Opening Ceremony (Old Fruitmarket – 2nd September)

Inspired by Scottish literary responses to archaeology from Viking runes graffiti to Alexander Carmichael, Kathleen Jamie and Robert Burns.

Fashioned Earth

Premier: EAA Glasgow 2015 Opening Ceremony (Old Fruitmarket – 2nd September)

Film of large scale sand drawings inspired by Scottish archaeology created at sites of archaeological significance including interviews with archaeologists and members of the public.

PUBLICATIONS

Trace: artistic responses to Scottish archaeology

Publication date: 2nd September 2015

Including contributions by Wilhelmina Barns Graham, John Creed, Thomas Joshua Cooper and The Boyle Family.

Dig Art Competition Postcards

Images drawn from the Dig Art competition for children, young people and professionals engaged in archaeology.

EXHIBITIONS

Wandering Home

Where: Glasgow Cathedral and Govan Old Parish Church

When: 29th August to 30th September 2015

New photographs by Thomas Joshua Cooper of ancient Scottish pilgrimage routes associated with Scottish saints, including Saints Mungo, Enoch, Columba and Serf.

Dig Art Banners on Railings

Where: University of Glasgow Railings, University Avenue

When: End August to September 2015

Images from Dig Art competition for children, young people and professionals engaged in and archaeology.



Private Views for Delegates

Cradle of Scotland and *Trafficking Culture*

Thursday 3 September 2015
6.00pm – 8.00pm

The Director of The Hunterian invites all delegates to attend the private views of *Cradle of Scotland* in the Hunterian Art Gallery and *Trafficking Culture* in the Hunterian Museum.

Both events will take place on the evening of
Thursday 3 September from 6.00pm – 8.00pm.

Cradle of Scotland is a major new collaborative exhibition that reveals the dramatic discoveries made by the University of Glasgow's Strathearn Environs and Royal Forteviot (SERF) research project. Combining original artefacts with replicas and visualisations, this stunning exhibition explores the archaeological history of Scotland and the latest advances in Scottish archaeology.

Trafficking Culture explores the global traffic in cultural objects responsible for damaging and destroying archaeological sites worldwide. The exhibition features real case studies and loan items from the British Museum.

Cradle of Scotland is jointly curated by The Hunterian and Perth Museum and Art Gallery and funded by Museums Galleries Scotland.

THE
HUNTERIAN

CRADLE OF SCOTLAND



3 September 2015 - 3 January 2016

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HUNTERIAN EXHIBITIONS

CRADLE OF SCOTLAND

Cradle of Scotland is a major new collaborative exhibition which reveals the dramatic discoveries made by the University of Glasgow's Strathearn Environs and Royal Forteviot (SERF) project.

The project, which focuses on the historic Forteviot landscape in Perthshire, has resulted in a number of remarkable archaeological finds. *Cradle of Scotland* combines these original artefacts with replicas and visualisations, creating a stunning exhibition that explores the archaeological history of Scotland.

Forteviot has a special place in Scottish history and archaeologists from the University of Glasgow have been exploring the area since 2006. The death of King Kenneth mac Alpin, one of the first kings of a united Scotland, was recorded at the 'palace' of Forteviot in AD 858 when the site was a major royal centre in the fledgling Scottish nation. Forteviot is also the location of one of the most extensive concentrations of early prehistoric ritual monuments in mainland Scotland.

Cradle of Scotland also showcases the latest advances, technologies and discoveries in Scottish archaeology. Visitors will learn about the modern archaeological process in Scotland, and about the application of latest investigative and reconstructive methods.

The exhibition is jointly curated by The Hunterian and Perth Museum and Art Gallery. It will go on show at both venues, opening at The Hunterian in Autumn 2015 and then Perth Museum and Art Gallery in Spring 2016.

Cradle of Scotland is supported by Museums Galleries Scotland (Strategic Investment Fund).



Image: *The Forteviot Dagger*. This recent find dates to the Early Bronze Age and was found on the SERF project. The dagger is crafted from a variety of materials but its gold decoration is one of earliest uses of gold in Scotland. Dated somewhere between 2100 BC and 1950 BC, it was found in a burial site that had survived in a remarkable state of preservation.

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Thursday 3rd/ Friday 4th September

FOOD at the Fraser Building (level 3) 0800 - 1630
Hot meals from 11am in Food for thought

One A The Square Brasserie/Café 0800 – 1630
Breakfast service from 8am Hot meals from 11.30am

Gilchrist Postgraduate Club (Main Building) 0800

Atrium Café (Wolfson Medical School Building) 0800

Saturday 5th September

One A The Square Brasserie/Café 0800 – 1500
Breakfast service from 8am Hot meals from 11.30am

Gilchrist Postgraduate Club (Main Building) 0900

Annual meeting of the EAA to Glasgow

...ing outlets during their time in Glasgow

0

0 until late

830 – 1500



- 1730

Food

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THE
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SPECIAL MEETINGS AND LUNCHTIME WORKSHOPS:



THE MEDIEVAL EUROPE RESEARCH COMMITTEE (MERC)

Our ticketed party, which provides the opportunity to meet and mingle with people interested in things medieval, takes place on Friday 4th September 2015 upstairs in the Curlers Rest bar, Byres Road, Glasgow from 8.00PM. Follow us on Facebook at MERC: Medieval Europe, Historical Archaeology in a European framework.

Since 2012, MERC has become an integral part of the EAA Annual Conference, providing Europe's medieval archaeologists with an opportunity to explore their interests with those of the wider archaeological community. Sessions with a medieval theme or aspect are branded with the MERC logo. MERC will hold its annual Forum on Saturday 5th September 2015 in the University of Glasgow, Humanities Lecture Theatre, Gilbert Scott Building (main building), University Avenue from 13.30-18.00, to which all are warmly invited.

THURSDAY 3RD- SATURDAY 5TH SEPTEMBER:

EAA BOARD - FUTURES CAFÉ

Venue: Old Archives Room (8am-6pm daily)

A forum for open discussion with EAA Board members about the future of the EAA. Members are invited to drop in for a visit to speak with Board members or leave helpful suggestions for the Board to discuss.

THURSDAY 3RD SEPTEMBER:

AGE MEMBERS WORKING GROUP – MEETING OF THE WORKING GROUP “ARCHAEOLOGY AND GENDER IN EUROPE (AGE)”

Venue: Joseph Black Room 407 (4-6pm)

Co-chairs: Sandra Montón Subías, Doris Gutschmiedl-Schümann, Nona Palinċas

This meeting is organized annually in order to provide a frame where AGE members can discuss issues related to their working party in a face-to-face manner. While some of these issues concern only AGE members, others are of larger interest, and EAA members who are interested in the work of AGE are welcome to participate in this meeting!

The topics concerning AGE members are mainly:

- election / presentation of the newly elected co-chair;
- strategies concerning nominations for the Heritage Prize;
- briefing on the state of publication of previous AGE sessions;
- other issues as brought up by AGE members.

Topics of larger interest, which could benefit from input from non-AGE members:

- deciding about the theme of the next AGE session to be held in the next EAA Conference in Vilnius;
- suggestions for the following AGE sessions to be held in 2017;
- strategies to attract new members;
- strategies to make gender more present in non gender focused archaeological investigations.

About us:

AGE has as its area of concern in the discussion of Gender issues in European archaeology, where gender is considered both as a structural element to be studied in the past and as influencing research in the present. It addresses the study and

understanding of gender arrangements in the past and the study and understanding of how current gender systems affect archaeology as an academic and professional practice. The main aim of this working group is to develop a formal and permanent European network of Gender Archaeology, to build a permanent forum for promoting and debating the field of Gender issues within European archaeology. Currently AGE has over 60 members from all over Europe and beyond.

More can be found at the AGE website www.archaeology-gender-europe.org

Places are restricted so please arrive early if you would like to participate.

CIFA WORKSHOP - "A Q&A WITH THE CHARTERED INSTITUTE FOR ARCHAEOLOGISTS"

Venue: James Watt South Room 355 (12.30-1.30pm)

An opportunity to talk to a member of Cifa's team about the role of a professional body in archaeology, the impact of Chartered status, and the development of a Chartered archaeologist status – and any other questions which spring to mind...

Places are restricted so please arrive early if you would like to participate.

ROUTLEDGE WORKSHOP - "MEET THE EDITOR OF THE ARCHAEOLOGICAL JOURNAL"

Venue: Joseph Black Room 504 (12.30-1.30pm)

An opportunity to meet the Editor of The Archaeological Journal Professor Howard William to find out more about the journal, publishing in it and current research in the field.

FRIDAY 4TH SEPTEMBER:

ROUTLEDGE WORKSHOP - "INCREASING THE IMPACT OF YOUR RESEARCH: SOCIAL MEDIA AND ALTMETRICS"

Venue: Joseph Black Room 504 (12.30-1.30pm)

All members are invited to attend this presentation and discussion on increasing the impact of your research: Social Media and Altmetrics, with Shelley Benwell, Senior Marketing Manager at Routledge. Refreshments provided.

MANEY PUBLISHING – LAUNCH OF "THEMES IN CONTEMPORARY ARCHAEOLOGY"

Venue: Hunter Halls (6.30-8.00pm)

Maney Publishing and the European Association of Archaeologists (EAA) will be celebrating the launch of the EAA's new monograph series, *Themes in Contemporary Archaeology* on the evening of Friday 4th September from 6.30-8.00pm.

Please note this is an invitation-only event and not open to all delegates.

ARCHAEOLOGY OF FILM: PAST AND FUTURE

LAUNCH AT GLENMORANGIE WHISKY RECEPTION

THURSDAY 3 SEPTEMBER, KELVIN GALLERY, GILBERT SCOTT BUILDING

The Centre for Digital Documentation and Visualisation, Scottish Screen Archive and Northlight Heritage will introduce the 'Archaeology of Film: Past and Future' event with short previews of films to be shown covering material from the second decade of the 20th century to the most up to date Ultra High Definition renders of 3D models.

Ruth Washbrook, Archive Manager, Scottish Screen Archive, National Library of Scotland, presents a short showreel and introduction to the work of the Scottish Screen Archive at the National Library of Scotland. The archive is a film and video collection of more than 100 years of Scottish history, preserving over 46,000 items; it locates, preserves and provides access to the country's rich moving image heritage. The films capture and reflect everything from social, cultural and industrial history to examples of ordinary people at home and work across the generations.

The Centre for Digital Documentation and Visualisation, a partnership between Historic Scotland and The Glasgow School of Art, will introduce full 4K (Ultra High Definition) renderings of 3D models of UNESCO world heritage sites from Scotland and around the world created as part of the Scottish Ten project (<http://www.scottishten.org/>). These UHD renders present the sites in unprecedented detail and showcase the potential of this technology for both visualisation and analysis. This event is organised with the kind assistance of Sony Europe.

Alan Leslie, Northlight Heritage, will provide insights and examples of Scottish archaeology drawn from the Scottish Screen Archive.

Full screenings will take place at the following times in the Hunterian Lecture Theatre, Hunterian Art Gallery on Friday 4th September:

FRIDAY 4 SEPTEMBER, HUNTERIAN LECTURE THEATRE, HUNTERIAN ART GALLERY

Screenings at:

10.30 - 11.30

12.30 - 13.30

14.00 - 15.00

Presentation of:

GLASGOW AND THE CLYDE COAST (C. 1912)

Ruth Washbrook - Archive Manager, Scottish Screen Archive

A 4K showing of this promotional film made for the London & North Western Railway, with scenes of busy city centre streets in Glasgow, followed by a steamer trip 'doon the watter' to Rothesay. Originally shot on 35mm black and white nitrate film, it has now been scanned digitally at 4K resolution. This process has brought to light further interesting clues about the original presentation of the film.

THE ARCHAEOLOGY OF FILM

Liam Paterson - Assistant Curator, Scottish Screen Archive

The 16mm home movie 'Holiday in the Highlands' (1933) is used as a case study for the 'archaeology of film'. Donated to the Scottish Screen Archive in the 1980s with no accompanying information about content or provenance, it was originally catalogued as an unknown holiday in the Highlands of Scotland. However a recent reassessment has uncovered links between individuals featured in the film, many of whom were prominent members of British society and of historical note. The presentation demonstrates the work of the archivist as a 'film archaeologist'.

UNESCO AND THE SCOTTISH TEN PROJECT

Stuart Jeffrey, Digital Design Studio, The Glasgow School of Art

Looking to the future of archaeology on film, the final presentation will be a demonstration of full 4K (Ultra High Definition) renderings of 3D models of UNESCO world heritage sites from around the world created as part of the Scottish Ten project

(<http://www.scottishten.org/>). This will include models of the Sydney Opera House in Australia, the Rani Ki Vav step well in India and the Nagasaki Crane in Japan, and a selection of the six Scottish world heritage sites from the heart of Neolithic Orkney to the 18th century utopian community of New Lanark. These UHD renders present these sites in extremely high detail and showcase the potential of this technology for virtual tourism, interpretation, education, heritage management and conservation. While 4K is a visually stunning medium it also allows close analysis of archaeological content, such as aerial photography, at an unprecedented scale as evidenced by the Scottish Ten's specially commissioned aerial imagery of St Kilda. This event is organised with the kind assistance of Sony Europe who provided technical advice and projection equipment.

Followed by special re-screenings of the EAA Glasgow 2015 Opening Ceremony films at

11.30 - 12.30

13.30 - 14.00



National Museums Scotland's award-winning Glenmorangie Research Project on early medieval Scotland has been generating exciting new research on this important period of Scotland's past since 2008.

The current phase of research, *Scotland's Earliest Silver: Power, Prestige and Politics* is looking at the biography of this precious metal as it was used and reused in early medieval Scotland.

The project was born when The Glenmorangie Company found inspiration for their brand logo in the stunning Hilton of Cadboll stone. Found near the Glenmorangie distillery in Tain, Easter Ross, this masterpiece of early medieval stone carving is on display in the National Museum of Scotland's *Early People* gallery.

Find out more about the Glenmorangie Research Project at blog.nms.ac.uk and www.nms.ac.uk/earlymedieval



GLENMORANGIE
SINGLE MALT SCOTCH WHISKY





GLENMORANGIE
SINGLE MALT SCOTCH WHISKY

UNNECESSARILY WELL MADE



Forestry Commission Scotland
Coimisean na Coilltearachd Alba

Historic Environment Conservation Gleidheadh àrainn eachdraidheil

From ancient hillforts and medieval tower-houses to abandoned townships and coastal tank traps, we look after a unique and valuable collection of historic sites within Scotland's forests.

The Iron Age ringfort of Borenich on the slopes above Loch Tummel

We are proud to look after these remarkable examples of our cultural heritage – to protect, conserve and present them for the enjoyment and benefit of current and future generations.

- We protect archaeological sites during forest operations;
- survey and record archaeological sites and historic landscapes; and
- provide access and learning opportunities.

Find out more at www.forestry.gov.uk/scotlandenvironment

EXCURSIONS PROGRAMME

No EAA Annual Meeting would be complete without offering delegates the opportunity to visit key archaeological and historic sites across Scotland. We have organised a range of excursions to cater for all periods of specialism and interest. These include trips to Scotland's World Heritage Sites, lowland castles, the Hebrides, museums, Pictish stones and prehistoric landscapes as well as historic buildings and battlefields.

All tours will be conducted by leading archaeologists and range from ½ day walking tours of sites in Glasgow, train trips to Edinburgh, coach trips to different parts of lowland Scotland and ferries or flights for overnight trips to the Isles.

IMPORTANT NOTICE: If you are a non-UK resident, you are strongly encouraged to purchase travel insurance before you travel. Please also remember that the Scottish weather can be notoriously changeable and it would be advisable to bring footwear and outdoor clothing to accommodate inclement weather.

PRE-MEETING EXCURSIONS

KILMARTIN GLEN, ARGYLL

Date	Monday 31 August - Tuesday 1 September 2015
Duration	1 overnight, 2 days
Transport	Coach
Important information	Please note this tour involves a reasonable amount of walking around archaeological sites. These are all reasonably accessible with the exception of Dunadd which is on a steep hill.

Description



The Kilmartin Glen area is internationally important because of its dense concentration of early prehistoric burial monuments and rock art sites, as well of the site of Dunadd, the fort of the first kings of the Scots. Kilmartin is situated in a beautiful part

of the Highlands on the western coast of Argyll, an area indented by sea lochs and scattered with islands.

Led by Dr Ewan Campbell of the University of Glasgow, the excursion will visit the famous linear cemetery of Bronze Age burial cairns and Neolithic chambered tombs, standing stone rows, stone circles and rock art sites. For the early medieval period, the stone-ramparted hillfort of Dunadd has carvings on its summit associated with the inauguration of the kings of Dal Riata in 8th century AD.

Kilmartin itself has an award winning museum, overlooking the prehistoric cairns (and an excellent café!), as well a graveyard with an impressive collection of medieval carved monuments of Highland warriors. We will also visit the medieval castle of Carnasserie, and a deserted post-medieval settlement associated with the Highland Clearances, which has a holy well and Early Christian sculpture. A taste of Scotland's early industrial legacy will be seen at the Crinan Canal basin and locks.

Itinerary

Day 1

Coach leaves University of Glasgow, Wolfson building, University Avenue (8:00am)

Lochgilphead (comfort break)

Achnabrek prehistoric rock art

Lunch

Dunadd Early Medieval royal fort

Crinan Canal basin

Kilmory Oib holy well and deserted settlement

Arrive at accommodation – Rowantree Hotel, Inveraray

Please note: evening meal is not provided in this tour, but a number of suitable venues at very reasonable costs are available in the local vicinity.

Day 2

Carnasserie Castle

Lunch

Kilmartin Museum tour

Nether Largie standing Stones

Temple Wood Stone circles and Bronze Age linear cemetery



Nether Largie South chambered cairn, Mid and North Cairns

Dinner (Venue to be confirmed)

Coach returns to Glasgow

LOWLAND CASTLES

Date	Tuesday 1 September 2015
Duration	One day
Transport	Coach
Important information	Please note this tour involves a reasonable amount of walking. The route planned is, however, very accessible and not physically demanding.

Description

Led by Dr John Raven and John Malcolm of Historic Scotland, this field trip will provide an opportunity to explore some of Lowland Scotland's best medieval castles and look at Scottish castle culture throughout the Middle Ages.

The focus will primarily be on Bothwell and Dundonald Castles. Originating prior to the Wars of Independence and seat to two of Scotland's most powerful dynasties, Bothwell is one of the finest exemplars of medieval Scotland's castle



architecture, very much in keeping with contemporary English and French examples. Its defining feature is a massive circular donjon, subsequently slighted by its baronial owner in order to deny it to the English. Dundonald is a massive tower house built in the 1370s by Robert II to assert royal authority over his ancestral lands, and to offer a refuge from the pressures of court.

The contrast to Bothwell is dramatic and demonstrates a number of changes in noble and royal aspirations subsequent to Scotland's reaffirmed independence in the late fourteenth century. Dundonald was amongst a number of very high status towers that set a precedent and model for most subsequent noble castle architecture, as demonstrated by Scotland's ubiquitous towerhouses. Despite their apparent architectural uniformity, numerous inspirations influenced their building and detail.

Depending on the vagaries of weather and good timekeeping, visits to Dean, Portencross and Crookston Castles will explore intriguing residences of the lesser nobility. This will also enable discussion of how we have treated castles in more recent times.

Itinerary

Bothwell Castle

Dean Castle

Dundonald Castle

Lunch

Portencross Castle

Crookston Castle

EDINBURGH OLD AND NEW TOWNS

Date	Tuesday 1 September 2015
Duration	One day
Transport	Coach and walking
Important information	Please note this tour involves a reasonable amount of walking around central Edinburgh. Most of the route is relatively flat or on a slight incline; however, Edinburgh Castle rests on a hill that may be more physically demanding.

Description

The Edinburgh World Heritage excursion will explore two contrasting urban designs. The Old Town is a classic example of Scottish medieval burgh with the central spine created by the High Street running from the castle down the Royal Mile to Holyrood Abbey. This is one of the best preserved medieval cityscapes in Scotland containing excellent examples of domestic and ecclesiastical architecture. It also allows one to



trace the changing political landscape: the movement of the royal residence from the castle to the Renaissance palace of Holyrood and the shift of the seat of representation government from Parliament Square to the new Scottish Parliament.

In contrast to the organic, functional Old Town layout, the New Town is the epitome of a rationally designed urban scheme. Here the neoclassical Georgian architecture is a fitting reflection of the Scottish Enlightenment, when Edinburgh was known as the Athens of the North.

The excursion will include a tour of the castle, Historic Scotland's most successful visitor attraction, and a guided walk through the Old and New town. Travel from Glasgow will be by coach. At the conclusion of the tour you are welcome to return with the group by coach or stay and enjoy Edinburgh's museums, shopping and dining at your leisure as there are frequent trains back to Glasgow.

Itinerary

Guided tour of Edinburgh Castle

Lunch

Walking tour of Edinburgh New Town

Walking tour of Edinburgh Old Town

Return to Glasgow by coach or some delegates may elect to return by train at an additional cost payable on the day to Scotrail.

SCIENCE AND CONSERVATION

Date	Tuesday 1 September 2015
Duration	One day
Transport	Coach
Important information	The route planned is very accessible and not physically demanding.

Description

The Centre for Textile Conservation and Technical Art History (CTCTAH) brings together expertise in textile conservation and technical art history. Object-based, interdisciplinary research underpins teaching and research. Visitors to the CTCTAH will be able to meet students and staff to see and hear about our research and our two taught programmes – MPhil Textile Conservation and MLitt Technical Art History Making and Meaning.

We are the leading international centre for textile conservation education and research, and home to the only specialist textile conservation programme in the UK. We take students from around the world who will go on to work with textile collections in museums and historic houses. The Centre has well-equipped student

workrooms with dedicated rooms for dyeing, wet-cleaning and analytical research of textiles. Interdisciplinary research and knowledge exchange is a particular strength of the Centre, especially historical dyes by chemical analysis, and reflected in our doctoral projects covering textile history and conservation science.

The Scottish Universities Environmental Research Centre (SUERC), is an international centre of excellence in the application of stable and radioactive isotope studies in earth, environmental, archaeological and biomedical sciences. The Centre is operated by the University of Glasgow and has formal collaborative links with the University of Edinburgh. SUERC provides a range of services to the archaeological science sector, primarily radiocarbon dating and luminescence dating (TL / OSL).



The SUERC lab tour will involve guided visits to the SUERC radiocarbon, AMS, TL and OSL preparation and measurement laboratories in order to see archaeological science in action. Opportunities will be available to meet staff from SUERC and discuss current research themes and techniques.

Itinerary

Centre for Textile Conservation and Technical Art History

Lunch

SUERC

COLLECTION HIGHLIGHTS: THE HUNTERIAN & KELVINGROVE

Date	Tuesday 1 September 2015
Duration	Half day
Transport	Walking
Important information	The museums are about ten minutes apart on foot. They are very accessible and not physically demanding.

Description

Led by staff from The Hunterian, University of Glasgow and Kelvingrove Art Gallery & Museum, hear first hand about these world class collections.

Itinerary

Guided tours of the Archaeology and Ethnographic collections at the Hunterian Museum, University of Glasgow

Walk to the Kelvingrove Art Gallery and Museum, just off-campus

Guided tours of the Archaeology collections at the Kelvingrove Art Gallery and Museum



HISTORIC BATTLEFIELDS

Date	Tuesday 1 September 2015
Duration	One day
Transport	Coach
Important information	Please note this tour involves a small amount of walking. The route planned is, however, very accessible and not physically demanding.

Description

A day-long excursion to two key Scottish battlefields in the Central Belt will be led by Dr Tony Pollard and Dr Iain Banks from the University of Glasgow's Centre for Battlefield Archaeology.

Bannockburn is the site of the epic showdown between the Scottish army of Robert the Bruce and the English army under Edward II. Despite the landscape undergoing dramatic changes since 1314, mostly due to modern development, a recent project led by the Centre for Battlefield Archaeology has done much to enhance our understanding of the medieval landscape and provided the first physical evidence of the battle in the form of artefacts. Prior to this project, which was the subject of two



programmes on BBC TV, there was much debate among historians as to the precise location of the battle, but this has at last been settled. The excursion will include a visit to the state-of-the-art visitor centre run by the National Trust for Scotland.

The 1746 Battle of Falkirk saw Jacobite forces engage with government troops on the moor above the town in foul January weather. Following on from the abandoned Jacobite advance on London, the battle was a government defeat but this did little to change the fortunes of Bonnie Prince Charlie's cause, which three months later was to come to a bloody end at Culloden. Unlike Bannockburn, the precise location of the battle is known from contemporary maps and accounts and the choreography of the fight, which on the right flank saw Jacobite infantry stop mounted government dragoons in their tracks, can be followed in some detail. Despite the core of the battlefield being well preserved the proximity of modern housing will demonstrate some of the problems associated with the conservation of these sites within the modern landscape.

Itinerary

Battle of Bannockburn Visitor Centre

Lunch

Falkirk 1746

POST-MEETING EXCURSIONS

ORKNEY'S ARCHAEOLOGY

Date	Sunday 6 September - Wednesday 9 September 2015
Duration	3 overnights, 4 days
Transport	Coach and flight
Important information	Please note this tour involves some walking. The routes planned are, however, very accessible and not physically demanding.

Description

Orkney is blessed with abundant fine natural building stone, but little timber, a combination which has led to the survival of walls, floors and even collapsed roofs from the Neolithic onwards.

Led by Orkney Archaeology Tours with insights from Prof. Jane Downes and Julie Gibson of the University of the Highlands and Islands, our two excursion days take us on day one around Scapa Flow, and to the Heart of Neolithic Orkney World Heritage Site, and then on day two to the Broch of Gurness, followed by the island of Rousay with its many Neolithic tombs.

Scapa Flow is the best natural harbour in Britain, with 120 square miles of sheltered waters, the base for the Royal Navy's home fleet in both world wars, and the site of the Grand Scuttle of the German High Seas Fleet on midsummer's day 1919. Orkney's medieval history is described in the Norse Orkneyinga Saga, and the Earl's Bu, Orphir, on the shores of Scapa Flow, which features prominently, has the only circular medieval church in Scotland.

Maeshowe is architecturally the finest Neolithic tomb in northern Europe and also contains the richest collection of runic inscriptions to be found outside Scandinavia. Skara Brae is the best preserved Neolithic settlement in Northern Europe, with



buildings lacking only their roofs; between these lies a major ritual landscape of stone circles, henges, mounds and further settlements (including Barnhouse, with a hitherto unsuspected variety of Neolithic architecture; and Ness of Brodgar, a phenomenal settlement site, with densely

situated buildings that were each monumental in scale, all surrounded by a thick stone wall that enclosed over a hectare).

Orkney's Iron Age is well displayed in the brochs of Midhowe and Gurness, amidst a high density of similar monuments. These dry-stone circular tower buildings are unique to northern Scotland and the associated village at Gurness is reputedly the most complete. Rousay exhibits a landscape of abandoned medieval and post-medieval buildings preserved in the only area of Orkney to endure 'clearance'. Especially remarkable are the Neolithic tombs: we shall be visiting three, from the two-storey Taversoe Tuick to the massive Midhowe. Rousay was also the scene for important events in the Orkneyinga Saga, relating to Westness and the Wirk: a Norse keep adjacent to later farm and church buildings.

The hotel accommodation is on the harbour front, convenient for the town centre, including our 12th century St Magnus Cathedral, 16th century Earl's Palace and Orkney Museum.

Itinerary

Day 1 - Sunday 6 September

Coach transfer to Glasgow International Airport

Arrival & check-in at Ayre Hotel, Kirkwall

'Taste of Orkney' wine reception and buffet

Day 2 - Monday 7 September

Orkney's Norse Heritage & the Heart of Neolithic Orkney World Heritage Site

MAINLAND (INSIGHTS FROM PROF JANE DOWNES, UHI)

Scapa Flow

The Earl's Bu an Round Kirk

Henge monuments at the Stones of Stenness & Ring of Brodgar

Tour of Ness of Brodgar excavation by Nick Card (site director)

Skara Brae and Maeshowe chambered tomb

Day 3 - Tuesday 8 September

Viking/Norse, Iron Age and Neolithic sites

MAINLAND

Broch of Gurness (mainland Orkney)

ROUSAY (INSIGHTS FROM COUNTY ARCHAEOLOGIST, JULIE GIBSON)

Midhowe Broch

Midhowe Cairn

Taversoe Tuick Tomb

Blackhammer Tomb

The Wirk

Day 4 - Wednesday 9 September

Visit to Orkney Museum (special early opening for EAA delegates)

St Magnus' Cathedral

Transfer to Kirkwall Airport

Flight to Glasgow International Airport

Excursion ends

WESTERN ISLES AND ST KILDA

Date	Sunday 6 September - Wednesday 9 September 2015
Duration	3 overnights, 4 days
Transport	Coach and ferry
Important information	Some sites, e.g. Rodel Church and Callanish, are accessible but others, including the bee hive dwellings at Clisham, are a 2-3 mile walk. The St Kilda element of this excursion is entirely dependent on weather and sea conditions. The St Kilda trip is in a small boat crossing the Atlantic which can be physically demanding along with some of the sites on St Kilda. This element of the trip is, therefore, not recommended for people who have medical conditions exacerbated by loss of fluid e.g. diabetes – but a full programme of excursions will run for the Western Isles for delegates to enjoy if they prefer not to travel to St Kilda.

Description

St Kilda is one of five World Heritage Sites in Scotland and the only World Heritage Site in the UK inscribed for both its natural and cultural heritage values. The St Kilda archipelago is breathtaking, with a dramatic, jagged landscape of towering cliffs surrounding a sheltered bay. St Kilda supports the largest seabird colony in the north east Atlantic and these birds were key to the island's economy. Deserted by its native

population since 1930 the abandoned landscape of houses, enclosures and cleits (unique structures to St Kilda) is exceptionally well preserved and an example of how in the most extreme conditions of storm swept isolated island living people were able to live for thousands of years by exploiting natural resources and farming.

Staff from the National Trust for Scotland, a conservation charity who own and manage St Kilda, will be there to welcome you and provide a guided tour to the more interesting areas in Village Bay.

The trip to St Kilda is by 55 foot motor cruiser providing comfortable seating for 12. St Kilda lies 40 miles from the Outer Hebrides and the journey is in the open Atlantic. If the trip is cancelled due to unsuitable sea conditions or for those that choose not to make this trip, a tour round the archaeological sites of Harris and Lewis will be provided.



Harris and Lewis are a single land mass forming the northern part of the Outer Hebrides or Western Isles of Scotland, settled since the Mesolithic they have a rich archaeological heritage set within a stunning landscape. The culture of this area was heavily influenced by Norse settlement, reflected both

in the place names and language. The tour will visit some of the better known sites, such as Callanish Stone circle, as well as some lesser known sites reflecting the long settlement of these islands, including the 16th century church at Rodel on Harris and the early 20th century whaling station at Bunavoneader.

Itinerary

- Rodel Church
- Bee hive dwellings on Clisham
- Callanish Standing Stones
- Dun Carloway
- Temple at Northton
- Neolithic chambered cairn
- Abandoned townships Whaling station

IONA: CRADLE OF CHRISTIANITY

Date	Sunday 6 September - Monday 7 September 2015
Duration	1 overnight, 2 days
Transport	Coach and ferry
Important information	Please note this tour involves some walking. The route planned is, however, very accessible and not physically demanding.

Description

Led by Prof. Stephen Driscoll, University of Glasgow, this excursion explores new understandings of Iona Abbey, as Scotland's most sacred place, resulting from the research into its archaeology and collections compiled for a newly completed Historic Scotland redisplay project. This iconic site came into State care in 1999, and, following years of conservation, is now re-presented to the visitors/pilgrims who come to Columba's isle from all over the world.



Since summer 2013 visitors have been able to access a much better understanding of the unique contribution that Columba's monastery made to European Christian scholarship, theology, creativity, and law-making. Delegates will visit new permanent exhibitions of the largest and most important collection of early medieval high crosses and cross slabs in Britain and Ireland as well as important early medieval artefacts recovered from Prof Charles Thomas' unpublished excavations at the abbey more than 50 years ago. The project was completed in 2013 as part of the celebration of the 75th anniversary of the foundation of the Iona Community, as well as the 1450th anniversary of the arrival of St Columba.

Itinerary

Day 1 - Sunday 6 September

Coach leaves University of Glasgow at 8:30AM

Guided tour of Kilchurne Castle

Lunch

Guided tour of Dunstaffnage Castle

Dunollie Castle (TBC)

Arrive at Rowantree Hotel, Oban – Bed and Breakfast included in price.

Day 2 - Monday 7 September

9:15AM - Ferry from Oban to Mull

Guided tour of Iona Abbey.

Exploration of the meaning and purpose of the earliest High Crosses.

Guided tour of the new museum of early Christian carved stones.

Lunch

Footsore and penitent - guided walk around the satellite pilgrimage places of Iona.

6:30PM - Ferry from Mull to Oban

10:30PM - Arrival in Glasgow

PICTS IN PERTHSHIRE

Date	Sunday 6 September 2015
Duration	One day
Transport	Coach
Important information	Please note this tour involves some walking to access symbol stones. The route planned is, however, very accessible and not physically demanding.

Description

Led by Sally Foster of Stirling University and Mark Hall or Perth Museum and Art Gallery, this day-trip offers an introduction to the Christian archaeology of the Picts, a



people who occupied north-east Scotland in the first millennium AD. It will tie into a special 'Cradle of Christianity' exhibition on the SERF research project which will open at the Hunterian Museum during the Annual Meeting.

Visiting Dunning, Dunkeld, and Meigle, our focus is a good range of early Christian carved

stones and their contexts. Travelling through stunning highland scenery, with castles, forts and churches to see as we travel, our journey will include a lunch break at the small cathedral town of Dunkeld, where there will be time to explore.

Itinerary

DUNNING

St Serf's 12th century church and the Dupplin Cross

Coffee/Tea at the Dunning Golf Course

DUNKELD

14th-15th century Cathedral

Medieval/early modern town

Early Medieval sculpture and scenic historic town

Lunch

Aberlemno Pictish sculpture

Meigle Sculptured Stone Museum

Coffee/Tea at the Joinery Coffee Shop, Meigle

Coach returns to Glasgow

COASTAL EROSION ON THE FIRTH OF FORTH

Date	Sunday 6 September 2015
Duration	One day
Transport	Coach
Important information	Please note this tour involves some walking to access coastal sites. The route planned is fairly accessible and not physically demanding.

Description

Led by Tom Dawson, University of St Andrews and Joanna Hambly and Ellie Graham of the SCAPE Trust, this trip will visit eroding archaeological sites on the coast north of Edinburgh. The Firth of Forth has been a major transport route for millennia and the tour will visit sites that fit into the Mobility theme, as each was constructed or utilised because of its proximity to the shore.

The tour will visit the medieval city of St Andrews, where the cliff-top Castle defended the city from seaborne attack, and the Cathedral acted as a beacon for travellers across the Forth. Coastal erosion has long been a problem at St Andrews, and both the Cathedral and Castle had defences erected in the nineteenth century – making them amongst the earliest monuments in Scotland to be defended against the sea

We will visit some of the quaint East Neuk fishing villages, including St Monans, where in addition to fishing; local coal was used to evaporate seawater in a coastal industry



that declined in the early nineteenth century. Erosion is now severely threatening the old salt pans, which may soon be lost to the sea.

We will also visit the Wemyss Caves, where there are large numbers of excellent carvings, including numerous Pictish examples and a possible

representation of a Viking boat. Erosion in the area has caused the coast to retreat by 100 metres over the last century, and the foreshore is littered with failed coastal defences. In order to record the carvings before they are lost, SCAPE and partners (SWACS and YAT) have used laser scanners, Structure from Motion, Reflectance Transformation Imaging and other techniques to create a digital archive. The results are presented on the project website – which allows users to remotely explore Jonathan's Cave, fitting in with the Communicating Archaeology theme.

Itinerary

St Andrews Cathedral and Castle

East Neuk fishing villages

Lunch – Anstruther

St Monans: Wemyss Caves

ROMAN SCOTLAND: THE ANTONINE WALL

Date	Sunday 6 September 2015
Duration	One day
Transport	Coach
Important information	Please note this tour involves some walking to access the Antonine Wall and Roman forts. The route planned is relatively easily accessible; however, Bar Hill fort is located on a steep hill which can be physically challenging. Robust walking shoes and waterproof clothing are highly recommended.

Description

Led by Dr Rebecca Jones of Historic Scotland, Dr Alan Leslie of Northlight Heritage and Professor David Breeze, formerly Chief Inspector of Ancient Monuments for Historic Scotland, this trip explores some of the best surviving segments of Rome's most north-westerly frontier. Constructed in the early 2nd century AD, the Antonine



Wall is a turf-based rampart that stretched across the Clyde-Forth isthmus and defined the limits of the Roman Empire during the reign of the Emperor Antoninus Pius. The Wall was recently granted World Heritage Site status, ensuring this important mural barrier will now be carefully preserved in its dramatic landscape setting.

Our trip commences at Rough Castle fort in Falkirk. The best surviving section of the Antonine Wall. The fort rampart and ditches and annexe ditches are very clearly visible and a series of defensive pits (lilia) are extremely well preserved to the NW of the fort.

We will stop briefly to visit the Falkirk Wheel, a boat lift and engineering marvel which was designed to connect the Union Canal with the Forth and Clyde Canal. On leaving Falkirk we will make a brief stop at The Kelpies, the largest equine sculptures in the world, by sculptor Andy Scott.

We will then visit Bar Hill fort which, at 150m above sea level, is the highest fort along the Antonine Wall. Delegates will have the opportunity to experience the well-presented remains of the principia, bath-house and other buildings and a well from which many of the beautifully preserved Roman artefacts currently on display at the Hunterian Museum were recovered. The final destination of our excursion will be Bearsden fort, where the excavator, Professor David Breeze, will guide us around the site and offer insights from the excavations.

Itinerary

Rough Castle fort

Falkirk Wheel

Lunch

The Kelpies sculptures

Bar Hill fort

Bearsden fort

VISITING GLASGOW

GETTING TO GLASGOW

BY PLANE

Glasgow International Airport

- 7 miles (11 km) west of the University, 8 miles (13 km) from the city centre.
- Bus service to the west end of Glasgow (no. 747) which stops minutes from the University with a journey time of about 30 minutes and a Glasgow Shuttle directly to the city centre.
- Taxi fare to the West End costs approximately £15-20.
- Direct flight connections to all major European hubs, plus North America and the Middle East.

Prestwick International Airport

- 22 miles (35 km) south west of the University.
- Has its own rail station with direct trains to Glasgow Central train station (journey time about 50 minutes).
- Bus service to Buchanan Bus Station in Glasgow city centre (journey time about 50 minutes).
- Low cost European connections.

Edinburgh International Airport

- 42 miles (67 km) east of the University.
- 48 minutes by train and a little over an hour by bus to Glasgow (both departing every 15 minutes during peak hours).

BY TRAIN

Glasgow has two main city-centre terminals: Central and Queen Street with intercity links to all major cities and frequent services to Edinburgh (50 minutes) and London (5 hours). For timetables see: www.travelinescotland.com

BY CAR

Glasgow is well served by motorways (M74 to England, M8 to Edinburgh, M80 to Stirling and A82 to the Highlands).

From Carlisle, Newcastle and the south, exit M74 onto the M73, joining the M8 at the Old Monkland junction. M8 exits for the University are J18 if travelling from the south, Edinburgh and the north and J19 if coming from Glasgow Airport and the west. Other main routes serving the University include Great Western Road (A82, north of campus), Clydeside Expressway (A814, south) and Byres Road (B808, west). Car parking on the University campus and surrounding area is extremely difficult.

BY COACH

Buchanan Bus Station is the main terminus for long distance coaches. For national services throughout the UK see Megabus (<http://uk.megabus.com/>) and National Express (www.nationalexpress.com).

GETTING AROUND GLASGOW

MAPS AND APPS

- City of Glasgow apps (<http://open.glasgow.gov.uk/datastories/open-glasgow-apps/>)
- University of Glasgow campus map PDF (http://www.gla.ac.uk/media/media_335384_en.pdf)

BUSES

- Routes 4 and 4A run through the main campus from the city centre.
- Other routes serve Dumbarton Road, Great Western Road and Byres Road.
- A seasonal tourist bus stops at the University.

SUBWAY

- The main station for the University is Hillhead.
- Subway map PDF (http://www.spt.co.uk/wmslib/Maps/subway_map.jpg).
- More information on travel by subway and ticketing options (<http://www.spt.co.uk/subway/>).

LOCAL TRAINS

The nearest suburban rail station is Partick, about one mile west of the University. It has an interchange with the subway and with bus services on Dumbarton Road.

TAXIS

Black taxi cabs can be picked up at most times in the University area and the city centre. You can also phone for a black taxi cab on 0141 429 7070.

CYCLE RACKS

We have a number of places to park bicycles across campus. If you want to find out more about locations of cycle parking facilities, bus stops, gates and car parking areas on our main campus, you can consult our University of Glasgow Active Travel Map PDF (http://www.gla.ac.uk/media/media_139995_en.pdf).

GENERAL INFORMATION

PASSPORT/ID & VISA

Citizens of the European Economic Area (EEA) and Switzerland can enter the UK freely and do not require a passport (although either a passport or a national ID will be required for identification purposes at a border crossing – please check with your air or sea carrier to confirm the necessary documents).

Other nationals are required to have a passport and may or may not require a visa. It would be best to check the visa requirements and a type of visa for your stay. For further details, see: <http://www.ukba.homeoffice.gov.uk/>.

CLIMATE

Scotland has a moderate maritime climate, and though located relatively far north, it benefits from the warming influence of the Gulf Stream. July and August are the warmest months, and while it can on occasion be warm and sunny, the temperatures rarely reach above 19°C in September. The weather can be unpredictable and rain showers are quite common, so please plan accordingly.

CURRENCY AND PAYMENTS

As in the rest of the United Kingdom, the currency in use in Scotland is the pound sterling (£). However, you will find that the three Scottish banks issue their own sterling banknotes. These banknotes can be legally used in the rest of the UK, but are sometimes not accepted. They can, however, be easily exchanged in any UK bank for Bank of England notes with no charge. However, bear in mind that it is very difficult to exchange Scottish banknotes outside the UK, so make sure to either spend the money or exchange it before leaving.

VISA AND MASTER

Card cards are widely recognised and accepted. Charge cards (Ames and Diners Club) are also recognised, but they might not always be accepted in smaller establishments. ATMs (also called cashpoints in Scotland) are widespread and you can use Visa, MasterCard, Amex, Cirrus, Maestro and Plus to withdraw cash. Most ATMs are free to use, but some may charge a small transaction fee (usually about £1.75). Traveller's cheques are usually accepted only in banks, exchange counters or the post office, but not in shops and restaurants.

RELIGIOUS BELIEFS

Interfaith Chaplaincy – Glasgow University Memorial Chapel is a sacred space open to the public, Monday – Friday, 09:00 – 17:00. People of all faith communities and those of none are welcome to spend time in the Chapel for prayer and times of reflection.

Prayer and Reflection – the University of Glasgow is well served with places for worship, prayer and reflection and has appointed Honorary Chaplains/Advisors from the Buddhist, Christian, Jewish, Muslim, Sikh, Humanist and Hindu faith communities. They are members of Interfaith Scotland or members of Action Together of Churches in Scotland (ACTS). More information and useful Glasgow contacts are available in the Interfaith Chaplaincy Religion and Belief Guide (http://www.gla.ac.uk/media/media_359298_en.pdf).

ELECTRICITY / SOCKETS

The electric current runs at 230V, 50hz AC and, as in the rest of the UK, the plug is a three pronged British plug, so adapters may be needed.

SMOKING

Smoking is prohibited in enclosed public spaces, including pubs, restaurants, public transport, etc. Hotels usually have smoking and non-smoking rooms.

WATER

It is safe to drink water from the tap.



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EUROPEAN ASSOCIATION OF ARCHAEOLOGISTS

The European Association of Archaeologists (EAA; <http://www.e-a-a.org>) is a membership-based, not-for-profit association, which is open to all archaeologists and other related or interested individuals or bodies. It is fully democratic, and is governed by an Executive Board elected by full members of the Association. A Nomination Committee ensures that the Board is representative of the different regions of Europe and the different sectors of the profession. Its membership covers most European countries, but also includes residents of all other continents interested in European Archaeology.

The EAA was established in 1994 at an Inaugural Meeting in Ljubljana, Slovenia, where its Statutes were formally approved (<http://www.e-a-a.org/statutes.htm>). These stipulate that the EAA was created:

- to promote the development of archaeological research and the exchange of archaeological information
- to promote the management and interpretation of the European archaeological heritage
- to promote proper ethical and scientific standards for archaeological work
- to promote the interests of professional archaeologists in Europe
- to promote co-operation with other organisations with similar aims

The EAA has held Annual Meetings since the first conference in 1994; sessions cover topics varying from the interpretation of material culture through theoretical perspectives to cultural heritage management. These conferences have been held in a range of different European cities:

Ljubljana	1994
Santiago de Compostela	1995
Riga	1996
Ravenna	1997
Göteborg	1998
Bournemouth	1999
Lisbon	2000
Esslingen	2001
Thessaloniki	2002

St. Petersburg	2003
Lyon	2004
Cork	2005
Krakow	2006
Zadar	2007
Malta	2008
Riva del Garda	2009
Hague	2010/33
Oslo	2011
Helsinki	2012
Pilsen	2013
Istanbul	2014
Glasgow	2015

The EAA has published a journal since 1993: originally the Journal of European Archaeology 1993 – 1997, since 1998 the European Journal of Archaeology (EJA). It also publishes The European Archaeologist (TEA) electronic newsletter (<http://www.e-a-a.org/tea/>).

Since 1999 the Association has awarded the annual European Archaeological Heritage Prize to an individual, institution, or to a local or regional government for an outstanding contribution to the protection and presentation of the European archaeological heritage (http://www.e-a-a.org/prizes_awards.htm). A Student Award was instituted in 2002 and is awarded annually for the best paper presented at the EAA Annual Meeting by a student or an archaeologist working on a dissertation.

The Association creates Working Parties for a limited period in order to achieve a particular result (formulate policy, develop a standard, create an inventory etc.), while Committees are established where an issue is considered to be of permanent concern to the EAA (http://www.e-a-a.org/working_groups.htm). EAA Committees include:

- Committee on Archaeological Archives and Collections in Europe
- Committee on Archaeological Legislation and Organization
- Committee on Illicit Trade in Cultural Material
- Committee on Professional Associations in Archaeology Committee
- Committee on the Teaching and Training of Archaeologists
- EAA and EAC Working Group on farming, forestry and rural land management

- Medieval Europe Research Committee (MERC)
- The ArchaeoLandscapes project
- The Nearch (New scenarios for a community-involved archaeology) project
- Working Group in Public Archaeology
- Working Party Archaeology and Gender in Europe (AGE)

The Association promotes ethical professional behaviour through its Code of Practice, Principles of Conduct for Contract Archaeology and Code of Practice for Fieldwork Training (<http://www.e-a-a.org/codes.htm>). The EAA acts as an advisory body on all issues relating to the archaeology of Europe, and is affiliated to major institutions active in cultural heritage protection and management. In 1999, the EAA was granted consultative status with the Council of Europe, which in 2003 was upgraded to participatory status.

EAA SECRETARIAT – ANNUAL MEMBERSHIP BUSINESS MEETING

The EAA Secretariat has its desk in the conference hub at the Old Archive Room (Futures Café) next to the Concert Hall, Gilbert Scott Building (Main Building), University Avenue. The Annual Membership Business Meeting (AMBM) will be held on Friday 4 September 2015 at 16.00 in the Boyd Orr Building, Lecture Theatre 1. The meeting is open to all members of the EAA.

The general Agenda for the AMBM is as follows:

1. Opening and welcome
2. Minutes of the previous AMBM (circulated in TEA)
3. Matters arising from the Minutes
4. Annual Report
5. Financial Report
6. Membership fee level for the next year
7. Election results
8. New appointments (Editorial Board, Heritage Prize Committee)
9. Welcome to the new Board and Committee Members
10. EJA Progress Report
11. TEA Report
12. Reports from the Working Parties, Committees and Round Tables
13. Location of future Annual Meetings
14. Announcement of the next Annual Meeting
15. Any Other Business



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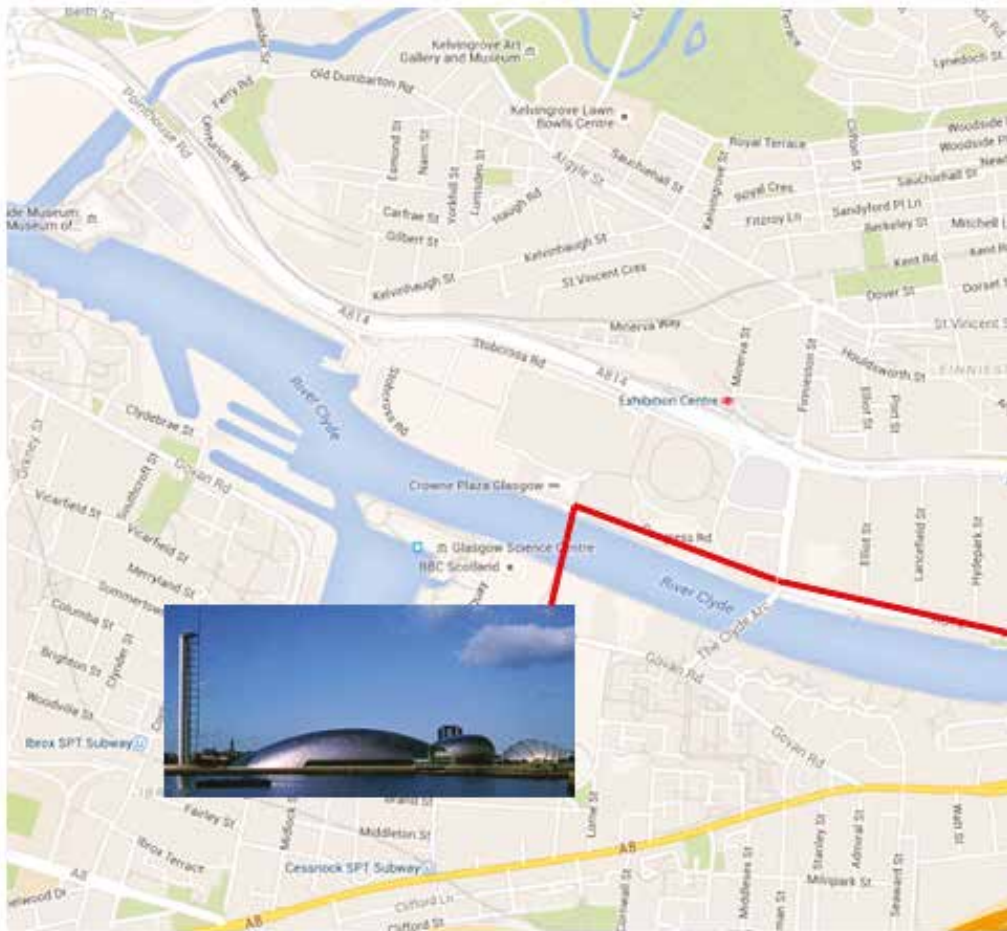


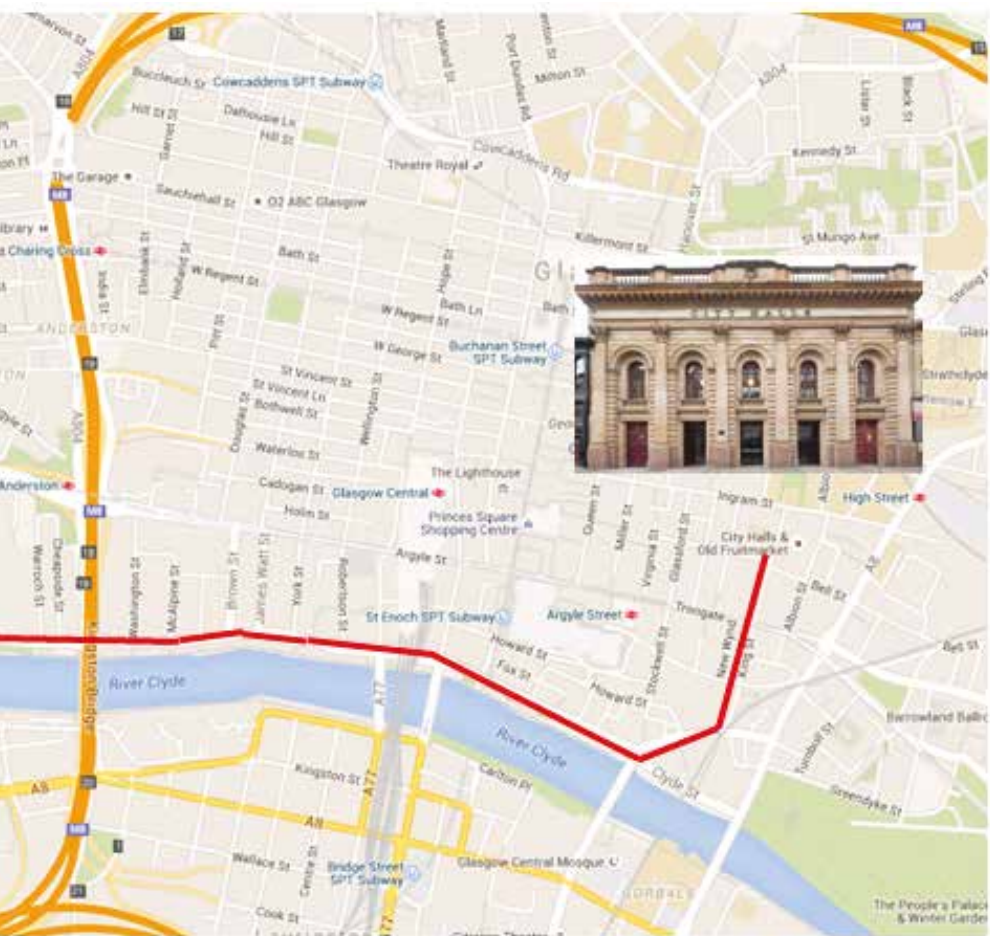
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VENUE MAPS

EAA GLASGOW 2015 - WALKING MAP TO SCIENCE CENTRE (CIVIC RECEPTION VENUE)

BUSES WILL TRANSPORT DELEGATES FROM THE OPENING CEREMONY AT THE CITY HALLS AND OLD FRUITMARKET TO THE CIVIC RECEPTION IN THE GLASGOW SCIENCE CENTRE. SOME DELEGATES MAY PREFER TO WALK (C. 45 MINS) USING THIS ROUTE





EAA GLASGOW 2015
- SESSION VENUES





EAA GLASGOW 2015 - MAP OF SOCIAL VENUES

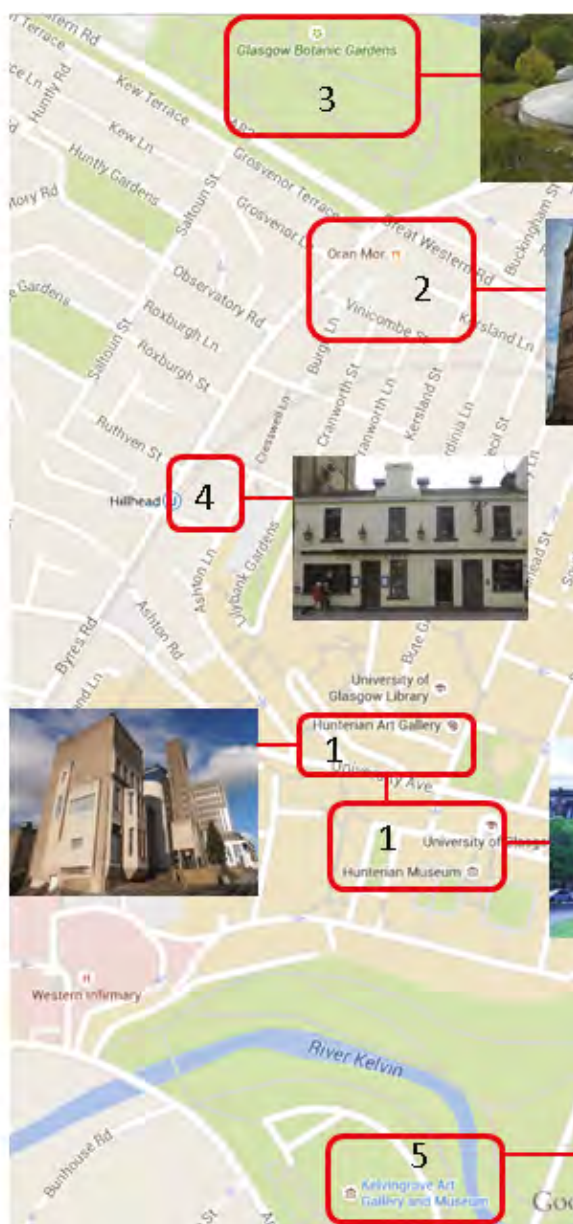
**1 – Hunterian Art
Gallery and Museum:
Cradle of Scotland
Exhibition Launch**
(Wednesday 3 September)

**2 – Oran Mor: Annual
Party**
(Wednesday 3 September)

**3 – Kibble Palace
(Botanic Gardens):
Annual Party
spillover**
(Wednesday 3 September)

**4 – Curlers Rest:
MERC Party**
(Thursday 4 September)

**5 – Kelvingrove Art
Gallery & Museum:
Annual Dinner**
(Saturday 5 September)





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of the Historic Environment for the Nation.

<http://www.algao.org.uk/scotland>

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Historic England

Historic England is the public body that looks after
England's historic environment.

We play an important role in survey, research, statutory designation, conservation and the management of heritage data in England. In addition we care for an archive of over 12 million photographs, drawings and reports on archaeological sites and historic buildings. Our book publishing programme includes landscape, maritime and industrial archaeology.

Come and visit us at our stand or find out more at:

HistoricEngland.org.uk

EVENT PARTNERS

The organisers would like to extend special thanks to our Event Partners:



HISTORIC SCOTLAND
ALBA AOSMHOR

Historic Environment Scotland (HES) has been established as the new lead public body to investigate, care for and promote Scotland's historic environment. Established in legislation, HES will build on the strong and long-established performance of Historic Scotland and the Royal Commission on the Ancient and Historical Monuments of Scotland (RCAHMS) who have been managing and recording the historic environment for over a century.

Historic Environment Scotland will lead on the delivery of *Our Place in Time*, Scotland's first strategy for the historic environment which will impact positively in the lives of Scottish people and visitors alike, for decades to come.

Working with colleagues across the sector, HES will be launching the new ten year Archaeology Strategy for Scotland which will take its lead from *Our Place in Time* and look at the way in which archaeology contributes to the vision for the Historic Environment. The Strategy also seeks to work with *Going Further: the National Strategy for Scotland's Museums and Galleries*, recognising the key role that museums play in the investigation, curation and celebration of our archaeological heritage. HES's role in developing and promoting the strategy recognises its own responsibility to provide co-ordinated leadership and encourage and promote partnerships. The strategy aims to make archaeology matter, ensuring that it plays a key role in our understanding of Scottish place-making and identity, enriching and improving the quality of people's lives.

Find out more at: www.historic-scotland.gov.uk (Exhibitor Stand 5)



From ancient hillforts and medieval tower-houses to abandoned townships and coastal tank traps, Forestry Commission Scotland looks after a unique and valuable collection of historic sites within Scotland's forests.

We are proud to look after these remarkable examples of our cultural heritage – to protect, conserve and present them for the enjoyment and benefit of current and future generations. We protect archaeological sites during forest operations; survey and record significant archaeological sites and historic landscapes; and

seek to provide access and learning opportunities.

Find out more at www.forestry.gov.uk/scotlandenvironment (Exhibitor Stand 7)

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Glenmorangie Single Malt Scotch Whisky originates in the Scottish Highlands where, at the Glenmorangie Distillery, it is distilled in the tallest malt whisky stills in Scotland, expertly matured in the finest oak casks, and perfected by the Men of Tain. The Distillery was founded in 1843 and is renowned as a pioneer in its field uniting tradition with innovation to create “unnecessarily well-made whiskies”.

Find out more at: www.glenmorangie.com (Exhibitor Stand 13)



National Museums Scotland cares for collections of national and international importance, preserving them, interpreting them and making them accessible to as many people as possible.

We work with museums and communities across Scotland and beyond, introducing our collections to a much wider audience than can physically visit our museums, through partnerships, research, touring exhibitions, community engagement, digital programmes and loans.

The award-winning Glenmorangie Research Project on Early Medieval Scotland, based at National Museums Scotland, has been generating exciting new research on this important period since 2008. The Project was born when The Glenmorangie Company found inspiration for their brand logo in the Hilton of Cadboll cross-slab. Found near the distillery in Tain (Easter Ross), this masterpiece of early medieval stone carving is on display in the National Museum of Scotland's Early People gallery.

The Glenmorangie Project's current phase of research, *Scotland's Earliest Silver: Power, Prestige and Politics*, is looking at the biography of this precious metal and how it was used and reused in early medieval Scotland.

Find out more about the Glenmorangie Research Project at blog.nms.ac.uk and www.nms.ac.uk/earlymedieval (Exhibitor Stand 13)

The Society of Antiquaries of Scotland has been actively supporting the study and enjoyment of Scotland's past for over 200 years.



Founded in 1780 and incorporated by Royal Charter in 1783 the Society's purpose is "...the study of the antiquities and history of Scotland." We continue to promote the understanding and conservation of Scotland's historical and archaeological environment for the benefit of all.

We have been an active publisher since the first appearance of *Archaeologia Scotica* in 1792. We continue that tradition today with our two journals, the *Proceedings of the Society of Antiquaries of Scotland* and *Scottish Archaeological Internet Reports*, as well as

high-quality books covering all periods of Scotland's past.

We promote the discussion and sharing of knowledge - our lectures and conferences feature renowned speakers and emerging researchers and a wealth of topics.

We champion the role and value of research - we support high quality research with a range of awards and bursaries.

We advocate good practice- through projects like ScARF (Scottish Archaeological Research Framework) www.scottishheritagehub.com a dynamic framework highlighting current research strengths and areas for future exploration within Scottish archaeology.

We influence policy making - by responding to government consultations on heritage issues.

We celebrate archaeology - with projects like Dig It! 2015 www.digit.com

The Society is an independent charity with a worldwide Fellowship. Fellowship is open to anyone based in the UK or overseas who can demonstrate a commitment to the understanding and study of Scotland's past.

Find out how to apply by visiting www.socantscot.org/joinus/ or email <http://www.socantscot.org/join-us/>. (Exhibitor Stand 11)

EXHIBITORS

LIST OF EXHIBITORS

OLD ARCHIVE ROOM – FUTURES CAFÉ

EAA Secretariat

Futures Café

People Make Glasgow & Visit Scotland

1. Oxbow Books
2. Maney Publications
3. History Scotland
4. EAA Vilnius 2016

CONCERT HALL

EAA Glasgow Helpdesk & Hub

5. Historic Scotland
6. Society for American Archaeology (SAA)
7. Forestry Commission Scotland
8. National Trust for Scotland
9. Chartered Institute for Archaeologists (CIfA)
10. San Quirico Archeologia
11. Society of Antiquaries of Scotland
12. Archaeological Institute of America (AIA)
13. Glenmorangie

HUNTER HALLS

14. SUERC (Scottish Universities Environmental Research Centre)
15. SENSYS

16. University of the Highlands and Islands
17. Equinox Publishing
18. Antiquity Publications Ltd
19. Oxford University Press
20. Archaeopress
21. Elsevier
22. Wiley
23. Past Horizons
24. National Geographic Society
25. Society of Post-Medieval Archaeology
26. Daiichigosei Ltd (Japan)
27. Bruker
28. Welsh Archaeological Trusts
29. ALGAO Scotland
30. Springer
31. Archaeolingua
32. Historic England
33. British Archaeological Reports
34. Routledge
35. Cambridge University Press
36. University of Leicester
37. Beta Analytic



ClfA

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Institute for
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Championing professionalism in archaeology through accreditation

ClfA is the leading professional body representing archaeologists working in the UK and overseas and members are accredited and skilled in the study and care of the historic environment.

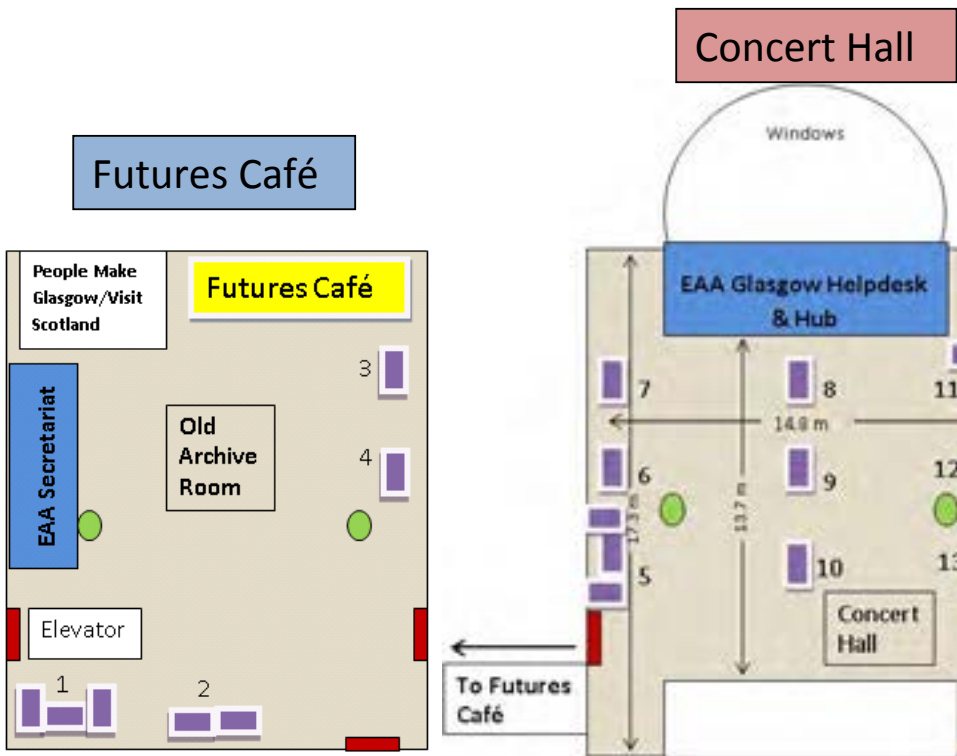
Accreditation in archaeology recognises the professionalism of practitioners, improves their careers and attracts new people into archaeology.

For more information visit www.archaeologists.net/join/individual or call +44 (0)118 378 6446.

Even if you are not a ClfA member you can still join our very active Scottish Group for £10 per year (free for members). Email groups@archaeologists.net to find out more.

© Image: Headland Archaeology

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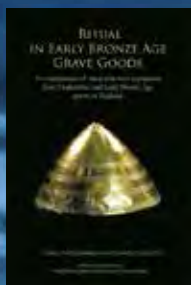


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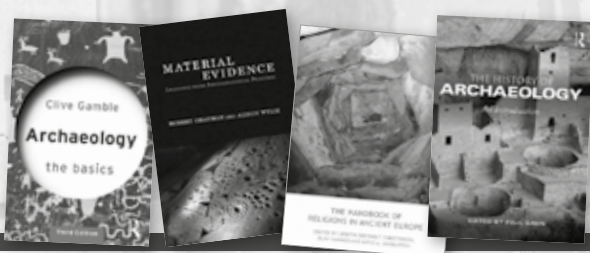
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EXHIBITOR INFORMATION

OXBOW BOOKS



Oxbow Books is a leading specialist publisher, distributor and bookseller in the fields of archaeology and the ancient world. Through their website and well known mail-order catalogue (the Oxbow Book News) they are a one-stop-shop for all the latest publications in archaeology from around the world.

The Oxbow Books publishing imprint specialises in Archaeology in all periods from prehistory through classical archaeology, the ancient Near East, Egyptology, the Middle Ages and post-medieval archaeology. Related fields such as environmental archaeology, landscape archaeology, archaeozoology, maritime and underwater archaeology are covered as well as wider examinations of archaeological practice and theory.

Sign up to the Oxbow Books mailing list at www.oxbowbooks.com to receive emails on new titles from Oxbow and its distributed publishers, and regular discount offers on a range of archaeology books.

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Representing over 100 publishers from the academic sector, Oxbow Books provides a complete distribution service – offering a dedicated sales and marketing team, as well as warehousing facilities, and a retail arm. Oxbow Books also provides publishing services to a variety of publishers, societies and institutes who need editorial and publishing support, utilising the experienced team of editors, production staff and designers.

For more information drop by the Oxbow stand. Alternatively contact Clare Litt about the publishing services Oxbow Books offers at clare@oxbowbooks.com or Simone Drinkwater about the distribution services available at Simone.drinkwater@casematepublishers.co.uk.

(Exhibitor Stand 1)

MANEY PUBLISHING



Maney Publishing specialises in the print and electronic publishing of academic journals and is the official publisher of the *European Journal of Archaeology* on behalf of the European Association of Archaeologists. We are the world's premier archaeology publisher and our journals encompass a broad range of disciplines including anthropology, conflict archaeology, conservation, field archaeology, heritage, historical archaeology, industrial archaeology, lithic technology, medieval archaeology and museology. www.maneyonline.com/archaeo

(Exhibitor Stand 2)

HISTORY SCOTLAND



History Scotland is the world's premier **Scottish history and archaeology magazine**, available in print and digital editions.

The magazine provides **fascinating features on topics from all branches and periods of Scottish history and archaeology**, giving readers insight into the latest digs, discoveries and research.

History Scotland was launched in October 2001 at the Royal Museum in Edinburgh by Professor Christopher Smout, Historiographer Royal, who is now one of the magazine's patrons. It is backed by the Scottish history and archaeology professions with leading representatives from a variety of different disciplines on the Editorial Board.

Every issue of the magazine features:

- The latest archaeology and history news
- Archaeology reports written by the experts
- In-depth articles on every aspect of Scotland's past

- • Curator picks, opinion, and interviews
- • Comprehensive book reviews
- ...and much more.

In support of EAA Glasgow 2015, the *History Scotland* team has produced a special archaeology-focussed digital issue for delegates to download, free of charge. The team will also be manning a stand at the event, and will be providing delegates with details of the print edition and how you can sign up to receive every copy of the popular magazine.

Download the EAA special digital issue of *History Scotland* magazine from the following website: <http://scot.sh/EAA2015>

(Exhibitor Stand 3)

EAA VILNIUS 2016



The 22th Annual Meeting of the European Association of Archaeologists (EAA) will be held in Vilnius, Lithuania, on 31 August – 4 September, 2016. The meeting is organized by Vilnius University, The Academy of Cultural Heritage and The Society of Lithuanian Archaeology.

The program of the conference will consist of keynote lectures, paper sessions, working groups, posters and exhibits. The conference also features opportunities to partake in excursions enabling attendees to see some of the surrounding district and mingle in a less intense and formal environment.

It will be the first, biggest and best cultural heritage international meeting of its kind ever to take place in Lithuania!

We look forward to sharing and celebrating this special occasion together with you!
www.eaavilnius2016.lt

(Exhibitor Stand 4)

SOCIETY FOR AMERICAN ARCHAEOLOGY (SAA)



SOCIETY FOR AMERICAN ARCHAEOLOGY

The Society for American Archaeology (SAA) is an international organization dedicated to the research, interpretation, and protection of the archaeological heritage of the Americas. SAA offers a range of benefits to its more than 7,700 members, including students, as well as those working in government agencies, colleges and universities, museums, and the private sector. SAA publishes four serials: *The SAA Archaeological Record* and three journals: *American Antiquity*; *Latin American Antiquity*; and *Advances in Archaeological Practice*. Among the range of benefits offered by the Society, there are member discounts on meeting registration fees, titles from The SAA Press, and the Online Seminar Series. SAA also offers an online career center, *Current Research Online*, a database-driven application for global archaeological research, the new *Knowledge Series*, an online lecture series available to members only, and a monthly digital newsletter highlighting archaeopolitical developments around the world. SAA hosts an annual meeting which in 2016, will be in Orlando, Florida. Submissions are open through September 10, 2015. In November 2015, SAA will be co-hosting with the European Association of Archaeologists (EAA) the joint 2015 SAA-EAA meeting, *Connecting Continents: Archaeological Perspectives on Slavery, Trade, and Colonialism*. In 2016, SAA's third Conferencia Intercontinental will be held in Oaxaca, Mexico. SAA also offers volunteer service opportunities on its more than 45 committees and task forces ranging from international government affairs to ethics, to awards to scholarships and more. Fifteen interest groups ranging from Digital Data to Zooarchaeology, with the newest, Teaching Archaeology, are available as additional networking opportunities. www.saa.org

(Exhibitor Stand 5)

NATIONAL TRUST FOR SCOTLAND



the National Trust
for Scotland
a place for archaeology

The National Trust for Scotland is a conservation charity that protects and promotes Scotland's natural and cultural heritage for present and future generations to enjoy. It is supported by 320,000 members. With over 76,000 hectares of ground, the Trust is

Scotland's third largest land owner. This includes around 11,000 archaeological sites and features which include 100 scheduled monuments, 270 listed buildings and parts of extensive gardens and designed landscapes, and battlefields. A small team of four archaeologists are employed by the Trust and manage and undertake conservation and archaeological research across the country. Recent projects have seen investigations into Mesolithic activity in the upper reaches of the River Dee, work in advance of the new Battle of Bannockburn centre, excavation of 18th century garden features at Newhailes and military plane crash sites from the 1940s. www.nts.org.uk

(Exhibitor Stand 8)

CHARTERED INSTITUTE FOR ARCHAEOLOGISTS



The Chartered Institute for Archaeologists is the leading professional body for archaeologists working in the UK and overseas. CIfA was created in 1982 (as the Institute for Field Archaeologists) and achieved a Royal Charter in 2014, at which time it had over 3200 individual members. The Institute administers a Register of Organisations, which are run by accredited members and adhere to the same professional standards as individual members. In 2015 there are 70 Registered Organisations with CIfA.

CIfA champions professionalism in archaeology by setting standards, measuring compliance, promoting best practice and sharing knowledge. Members of CIfA are accredited and skilled in the study and care of the historic environment. They are committed to offering high quality service to clients and to the public. CIfA's Code of conduct provides a framework which underpins the professional lives of archaeologists.

An accredited archaeologist, like any professional person, is bound by an ethical code, has demonstrated necessary technical and ethical competence, and is subject to the oversight of their peers. Accreditation in archaeology recognises the professionalism of practitioners, improves their careers and attracts new people into archaeology. Working with accredited archaeologists assures stakeholders that the work undertaken will meet their needs and the needs of the public.

For further information about CIfA, its Code of conduct and our Standards, you can

visit our website at www.archaeologists.net or contact a member of our team on 0118 378 6446. www.archaeologists.net

(Exhibitor Stand 9)

SAN QUIRICO ARCHEOLOGIA

San Quirico Archeologia was founded in Arezzo, Italy, at the beginning of 2014 by a group of archaeologists with specialties in different areas.

The Association's aim is to develop, teach and research archeology and art history by studying archaeological sites, organising cultural activities, holding workshops, organising events, conferences & exhibitions and promoting cultural tourism in the territory of Arezzo, Tuscany.

The San Quirico Archeologia team uses its expertise to create professional, scientific research collaborations with public and private organisations & universities in order to uncover our national cultural heritage and share our findings with the community.

San Quirico Archaeologia has launched a massive advertising campaign to inform people about our archaeological tourist activities in the archaeological site of San Quirico in Alfiano in Castiglione Fibocchi. In collaboration with the Municipality, we offer a unique programme that reconstructs the history of the 12th century San Quirico church including archaeological studies and lot of events. www.sanquiricoarcheologia.org

(Exhibitor Stand 10)

ARCHAEOLOGICAL INSTITUTE OF AMERICA (AIA)



The Archaeological Institute of America (AIA), founded in 1879, is North America's oldest and largest archaeological organization. The AIA works to create an informed public interest in the cultures and civilizations of the past and supports

archaeologists, their research and its dissemination. The Institute promotes the ethical practice of archaeology and advocates for the preservation of archaeological heritage. The AIA educates people of all ages about the significance of archaeological discovery and encourages community-based outreach. Today, the AIA has over 200,000 members and 110 local societies in the United States, Canada, and overseas. AIA members include professional archaeologists, archaeology enthusiasts, and students, all united by a shared passion for archaeology and its role in furthering human knowledge.

The AIA has further promoted archaeological studies by founding research centers and schools in seven countries and maintains close relations with these institutions. The Institute's professional members conduct fieldwork in Africa, Asia, Europe, Australia, and North and South America. Each year the AIA offers fellowships for travel and study to deserving scholars and a number of scholarships and grants for students, publications, and its local societies. Through its Site Preservation program the AIA supports projects in more than a dozen countries around the world. The AIA and its members are dedicated to the greater understanding of archaeology, the protection and preservation of the world's archaeological resources and the information they contain, and the encouragement and support of archaeological research and publication.

Find out more at: www.archaeological.org

(Exhibitor Stand 12)

SUERC



SUERC is a research centre within the University of Glasgow's College of Science and Engineering that focusses largely on isotopic analyses. The main areas of strength are in archaeological science, geochemistry, radiochemistry and isotope bio-geosciences, and the Centre houses perhaps the most comprehensive suite of dating techniques available in the UK. The SUERC collaborative model has evolved out of over 50 years of experience and we encourage potential collaborators to contact us for any discussions regarding research grant and research contract applications. The Radiocarbon Dating Laboratory is a significant unit within SUERC. It originated in Glasgow University in the early 1960s, making it one of the oldest surviving radiocarbon laboratories. In 1986, it moved to SUERC and has become a major laboratory for analysis of archaeological samples, handling around 3,500 samples annually. It has a complement of 8 academic/academic related staff (specialising in

archaeological applications, sample chemistry, stable isotope analyses, Bayesian modelling, AMS analysis and database design), and 4 technical staff, all qualified to degree level or equivalent. The laboratory's Bayesian analysis unit enables us to provide a complete dating service from advice on sample selection, through complete sample analysis, to creation of site and regional Bayesian models. The laboratory also undertakes the analysis of a range of stable isotopes ($\delta^{13}C$, $\delta^{15}N$ and $\delta^{34}S$) for palaeodietary reconstruction. In addition, other SUERC laboratories can undertake $\delta^{18}O$ and $87Sr/86Sr$ analyses on tooth enamel for determination of geographic origins.

<http://www.gla.ac.uk/research/az/suerc/>

(Exhibitor Stand 14)

SENSYS (SENSORIK & SYSTEMTECHNOLOGIE GMBH)



Founded in 1990 SENSYS is specialized in the development and production of non-invasive magnetic and electromagnetic survey systems for archaeological prospection. The product range varies from handheld magnetometer devices (1-5 probes) to vehicle towed multi channel systems (up to 32 probes) featuring detection depths of up to 3.5 to 4 m. For urban surveys, active multi coil

systems are available to filter out surface noise caused by pavements and infrastructure. Thus, objects and structures in depths up to 2.5 m can be unveiled. Focusing on customer needs, SENSYS also offers rental systems, training and intensive customer support in every possible way. www.sensys.de

(Exhibitor Stand 15)

UNIVERSITY OF THE HIGHLANDS AND ISLANDS



The University of the Highlands and Islands Archaeology Institute is a world-class teaching and research organisation dedicated to advancing our understanding of the historic environment through the creation, interpretation and dissemination of archaeological knowledge.

The Institute provides a locus for innovative research, university education and lifelong learning in outstanding heritage environments.

We support local, regional and global communities to explore and promote their heritage and development through our expertise in consultancy and research. Our forward thinking and interdisciplinary approaches to archaeological and heritage research, and our worldwide links and collaborations, create in the UHI Archaeology Institute a vibrant international centre of excellence.

The Institute is unique within Scotland, in that it combines teaching, academic research, and commercial applied research and consultancy. The commercial arm of the institute, ORCA, provides professional archaeological and heritage services to Northern Scotland, providing everything from archaeological excavations and evaluations, through to heritage consultancy services, marine archaeological investigations and geophysical survey. The Institute's academic staff work alongside ORCA staff with regards to teaching and research, providing our students with an unparalleled experience of practical and applied archaeology, as well as facilitating world class archaeological research in both Northern Scotland and the wider world.

The Institute carries out internationally significant research within the Highlands and Islands region, and we also work much farther afield – with current research projects ongoing in Easter Island, Nepal and Tanzania. <http://www.uhi.ac.uk/en/archaeology-institute>.

(Exhibitor Stand 16)

EQUINOX PUBLISHING LTD



Equinox Publishing Ltd is an independent academic publisher founded in 2003 by Janet Joyce and based in Sheffield, UK.

We publish textbooks, anthologies, monographs and reference books in archaeology including books in the 'Monographs in Mediterranean Archaeology', 'Studies in the Archaeology of Medieval Europe' and 'Worlds of the Ancient Near East and

Mediterranean' series. Our latest titles publishing this year include 'Citadel and Cemetery in Bronze Age Anatolia' and 'The Archaeology of Nuragic Sardinia'.

We also publish journals in archaeology: 'Journal of Contemporary Archaeology', 'Journal of Glacial Archaeology', 'Journal of Islamic Archaeology', 'Journal of Mediterranean Archaeology', and the 'Journal of Cognitive Historiography'. In 2015 we have launched two new journals: 'Journal of Skyscape Archaeology' and 'Archaeological and Environmental Forensic Science'. www.equinoxpub.com

(Exhibitor Stand 17)

ANTIQUITY



Antiquity is the leading peer-reviewed journal of world archaeology, covering every period and every region. Founded by O.G.S. Crawford in 1927, it has a wide international circulation. *Antiquity* reports new archaeological research of international significance in accessible language to a broad academic and professional readership. From 2015 *Antiquity* will be published six times a year in February, April, June, August, October and December.

The editorial team consists of Professor Chris Scarre (Editor), Dr Robert Witcher (Reviews Editor) and Tara-Jane Sutcliffe (Editorial Manager), with editorial assistance from Dr Claire Nesbitt and Thomas Swindells.

The latest issue, together with the full archive of back issues, is available via the Antiquity website: <http://antiquity.ac.uk/>.

In addition to the printed journal, the Antiquity website also hosts 'Antiquity+', offering free-to-access material including Project Gallery articles, obituary notices, podcasts from the editor and book reviews.

You can follow the journal on Twitter (@Antiquity) and on Facebook (<https://www.facebook.com/AntiquityJournal>). For enquiries please contact: assistant@antiquity.ac.uk.

(Exhibitor Stand 18)

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Visit www.oup.com/uk/series/mha for more information.

(Exhibitor Stand 19)

ARCHAEOPRESS PUBLISHING LTD



Archaeopress is an Oxford-based publisher run by archaeologists Dr David Davison and Dr Rajka Makjanic, the team which has been publishing archaeology titles since 1991. Archaeopress Archaeology currently publishes 5-9 new titles every month covering all archaeological topics, all geographic locations and all time periods with dedicated series for specialist fields of study. Series currently include: Archaeopress Egyptology, Archaeopress Roman Archaeology, Archaeopress Pre-Columbian Archaeology, Roman & Late Antique Mediterranean Pottery, Archaeological Lives, 3rdGuides and Proceedings for the Seminar for Arabian Studies. A range of exclusive Open Access material is available directly from Archaeopress at www.archaeopress.com.

(Exhibitor Stand 20)

ELSEVIER



Elsevier publishes a range of archaeology journals including the new journals 'Archaeological Research in Asia' and 'Journal of Archaeological Science: Reports', the new journal in the 'Journal of Archaeological Science' family. Visit our website for more information about our journals, how to publish and get your research noticed – www.elsevier.com/archaeology.

(Exhibitor Stand 21)

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(Exhibitor Stand 22)

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(Exhibitor Stand 23)

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For over 125 years, the National Geographic Society has been providing small grants for field research in archaeology, and then promoting the resulting work through our various media platforms. Our grants (<\$25,000) are available to anyone in the world working anywhere in the world, and we have grant programs for students (18-25 year old) as well as for more senior researchers.

www.nationalgeographic.com/explorers/be-an-explorer/.

(Exhibitor Stand 24)

SOCIETY FOR POST-MEDIEVAL ARCHAEOLOGY



The Society for Post-Medieval Archaeology is Europe's leading society for the study and promotion of historical archaeology. The SPMA was founded in 1966 with the aim of promoting the archaeology of late medieval to industrial society in Britain, Europe and those countries influenced by European colonialism. The Society now covers the archaeology of the period up to the present day, and has a global reach. To achieve its aims, the Society publishes the international journal 'Post-Medieval Archaeology', a twice-yearly newsletter, and edited monographs.

SPMA organises the annual Geoff Egan Memorial Lecture, and holds conferences and meetings, including a joint conference with the Nautical Archaeology Society at the University of Portsmouth, UK on 21–22 November 2015, and a special congress at the University of Sheffield, UK on 1–3 April 2016 to celebrate SPMA's 50th anniversary.

SPMA seeks to encourage new research in historical archaeology:

Our newly-launched Community Engagement Award supports individuals, groups and societies in developing new public-facing initiatives, whether one-off events, programmes of activities, digital archaeology or other creative outputs.

Our Dissertation Prizes are awarded to the best student dissertations from British and Irish universities

Our members can apply to SPMA for one of our Research Grants, providing seed funding for projects and publications.

Join SPMA as we celebrate our 50th anniversary in 2016; find out more about the society at our EAA exhibition table, and on our website: www.spma.org.uk

Follow the Society for Post-Medieval Archaeology on Twitter: @SPMA and on Facebook: www.facebook.com/postmedieval.

(Exhibitor Stand 25)

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The Daiichigosei company provide many new ideas and products for cultural heritage programs with our unique development skills from our proven experience in our company's long history. We will continue to provide firm support towards the field with our various applied skills. <http://www.daiichigosei.co.jp>

(Exhibitor Stand 26)

BRUKER



Bruker is known worldwide as a leader in all forms of X-ray analysis equipment ranging from handheld XRF analyzers to large XRF and XRD analyzers. The Tracer series handheld XRF spectrometer is the defacto standard in portable XRF analyzers used for archaeological studies. This equipment can be used in both portable and bench top configurations to provide elemental identification and quantification.

Archaeologists use elemental analysis to supplement existing archaeological knowledge to learn more about trade routes, cultural or commerce exchange, and manufacturing processes. For example, strontium and rubidium are traces that can be used for obsidian, lithic, or ceramic sourcing; iron can reveal past pigment use or a metal worker's shop; and lead can indicate metallurgical activity and casting. www.bruker.com/tracer.

(Exhibitor Stand 27)

WELSH ARCHAEOLOGICAL TRUSTS



The four Welsh Archaeological Trusts are educational charities and limited companies established in the mid-1970s with the principal aim of advancing the education of the public in archaeology. The Trusts work closely with other national, regional and local bodies to help protect, record and interpret all aspects of the historic environment, to make the results widely available and to provide advice. They employ professional archaeological staff with a wide range of experience and expertise to undertake a variety of archaeological work, both in the field and in heritage management.

Using online databases the Trusts maintain the Welsh Historic Environment Records (HERs) and since 2010 have made core HER information for the whole of Wales available online for non-commercial use via the Archwilio website. In 2013 the Trusts launched the Archwilio mobile application for Android devices. The open source data management system, HEROS, which underpins all these platforms was made available for others to use under license in 2015.

(Exhibitor Stand 28)

ALGAO: SCOTLAND



The Association of Local Government Archaeological Officers Scotland represents archaeologists working for, or on behalf of, local government and National Parks in Scotland and whose task is to protect, manage and promote the historic environment. Our members' work ranges from working with planning officers and elected officials, to community interpretation and outreach projects, to research and conservation and helping develop national heritage policies and standards.



<http://www.algao.org.uk/scotland>

(Exhibitor Stand 29)

SPRINGER



Springer is a leading publisher of books and journals in archaeology and heritage management. Please visit our booth for the latest issues of Journal of Archaeological Research (new IF: 2.333) and Journal of World Prehistory (recently accepted to SSCI) as well as our Encyclopedia of Global Archaeology. www.springer.com

(Exhibitor Stand 30)

ARCHAEOLOGUA



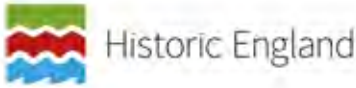
ARCHAEOLOGUA

Archaeolingua is a non-profit Foundation based in Budapest, which was established by distinguished scholars of the Archaeological Institute of the Hungarian Academy of Sciences and the Innsbruck University. The primary aims of the Foundation are the promotion of interdisciplinary research, the enhancement of the flow of information between archaeology, historical linguistics and the related fields, and that of the use of digital applications. By the publication and worldwide dissemination of scientific and educational material Archaeolingua supports the preservation of cultural values and heritage. It has two main publication series – the Main Series and Series Minor – and various others due to fruitful co-operations with several institutions, e.g. the European Archaeological Council, the British Archaeological Reports, Central European University, the Institute of Archaeology of the Research Centre for the Humanities of the Hungarian Academy of Sciences, as well as Hungarian universities and museums. Archaeolingua also publishes a scholarly online magazine Hungarian Archaeology, which is a bilingual (Hungarian and English) journal addressing diverse topics of archaeology, cultural heritage and international research projects. The Foundation was the organiser / co-organiser of conferences focusing on digital applications and digital heritage like the Computer Applications and Quantitative Methods in Archaeology (CAA) Annual Conference in 2008, the symposium “New

Digital Technologies and Hungarian Innovations in Heritage Management” in Budapest and the CAA Visegrád regional conference in Cieszyn in 2015. <http://www.archaeolingua.hu/about.html>

(Exhibitor Stand 31)

HISTORIC ENGLAND



Historic England is the public body that looks after England's historic environment – from the prehistoric to the postwar. We play an important role in survey, research, statutory designation, conservation advice and the management of heritage data in England. In addition, we care for an archive of over 12 million photographs, drawings and reports on archaeological sites and historic buildings. Our resources, including more than 6000 research reports and a wide range of guidance and other publications, are accessible through our website, which can be visited at: <https://www.historicengland.org.uk/>

In addition, twice a year we publish an online magazine Historic England Research, which is dedicated to discovery, innovation and science in the historic environment. You can see this and subscribe at: <http://historicengland.org.uk/images-books/periodicals/historic-england-research>

Our book publishing programme reflects the aims of the organisation and our archaeology books, including landscape, maritime and industrial archaeology, help us to understand more about our past as well as how to protect it for the future. You can access our catalogue of new and backlist titles at <http://publishing.historicengland.org.uk/>

(Exhibitor Stand 32)

BRITISH ARCHAEOLOGICAL REPORTS



In 1974, British Archaeological Reports (BAR) was founded by David Walker and Dr Anthony Hands and their ambition was to create 'a worldwide databank in archaeology to be relevant in 100 years' time'. This ambition remains BAR's philosophy today. With almost 3000 titles in print, British Archaeological Reports is one of the world's biggest publishers in academic archaeology. The data of many hundreds of sites and the result of academic research from all over the world are now available as BARs in major Libraries worldwide as well as being easily accessible for everybody to buy globally. www.barpublishing.com

(Exhibitor Stand 33)

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(Exhibitor Stand 34)

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(Exhibitor Stand 35)

UNIVERSITY OF LEICESTER



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www2.le.ac.uk/study/ugp/archaeology

(Exhibitor Stand 36)

BETA ANALYTIC LIMITED



Beta Analytic is an accredited ISO/IEC 17025:2005 radiocarbon dating lab based in Florida, USA with a European office in London and forwarding facilities around the globe. Founded in 1979, the lab's commitment to meet the scientific community's demand for fast yet accurate carbon dating analysis led to immediate success. BETA has been the world leader in Carbon-14 measurements for over three decades, having reported many thousands of dates since inception.

The lab has multiple AMS with very high redundancy in spare parts ensuring that delivery times are rapid (2-14 days) and can be met consistently. The standard service includes $\delta^{13}C$ measurements, calendar calibration when applicable, quality assurance reports and 24/7 web or app access to past results and pending analyses, including

pictures of samples analysed.

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A dedication to accuracy is at the core of the company's policies. The commitment to high-quality results and service has earned BETA the recognition of governmental, academic, and commercial organisations worldwide. By innovating new techniques, keeping abreast of the latest technology, and training qualified scientists to stay ahead of demand, Beta Analytic has maintained its firm commitment to quality over the years. www.radiocarbon.com

(Exhibitor Stand 37)

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Main image: Pictish Monk Stone from the Archaeology Collection at Shetland Museum and Archives

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POSTER PRESENTATIONS

Posters are an invaluable element of EAA Glasgow 2015. They are an excellent way of communicating research succinctly and in a visually appealing manner. To maximise their impact and encourage as many delegates as possible to engage with them we have placed posters at the heart of the conference in Hunter Halls alongside exhibitors.

Posters will be assigned a numbered space in the poster presentation area of Hunter Halls according to the theme under which they were submitted. Please check the EAA Helpdesk notice boards on arrival to determine allocated spaces for posters. The schedule for themed poster displays is noted below. Poster presenters are encouraged to be at their poster to answer questions and follow-up points with their audience during breaks.

Science and Archaeology (Sessions coded with SA)	Thursday 3rd September
Archaeology and Mobility (Sessions coded with AM)	Friday 4th September
Legacies and Visions (Sessions coded with LV)	Friday 4th September
Reconfiguring Identities (Sessions coded with RI)	Friday 4th September
Celtic Connections (Sessions coded with CC)	Saturday 5th September
Interpreting the Archaeological Record (Sessions coded with AR)	Saturday 5th September
Communicating Archaeology (Sessions coded with CA)	Saturday 5th September

Poster presenters are responsible for hanging their own posters – stewards will be available to provide Velcro and assistance if required. Posters should be hung by 07.45 on the morning assigned and retrieved by 16.00 (after the final coffee break) in preparation for the next day's posters. Any remaining after 16.00 will be taken down by the stewards and stored at the EAA Glasgow Helpdesk for retrieval (this is not a secure area and we do not take responsibility for any losses).

ABSTRACT BOOK INFORMATION

Abstracts of the oral and poster presentations from EAA Glasgow 2015 are available for free download on the conference website <http://eaaglasgow2015.com/academic-programme/>. In order to minimise impact on the environment, paper copies of the Abstract book are only available to delegates who pre-ordered them during the online Registration process.

ORAL PRESENTATIONS

During the 21st Annual Meeting more than 1800 papers and posters will be delivered over 152 sessions and 22 roundtables. In order to ensure that the Scientific Programme runs as smoothly and efficiently as possible it is imperative that the schedule be adhered to rigidly. Papers must start at the specified time and under no circumstances should they over-run the timeslot allocated to them. Twenty minutes have been allocated to each oral presentation and speakers should ensure that their paper does not exceed this time limit. Chairs are responsible for bringing papers to a conclusion once the allotted time has elapsed. The Steward assigned to session venues will also monitor the time and will, if necessary, indicate to both speaker and Chair that the 20 minute mark has been reached.

Speakers using Microsoft Powerpoint should bring their presentation on a memory (USB) stick for uploading onto the computer in each room. Speakers should attend the room in which they are speaking between 0745-0800 on the morning of their scheduled paper and load any presentations onto the PC provided. Stewards will be in attendance to assist. Advance uploading of Powerpoint slides allows any technical difficulties to be flagged and addressed ahead of time and assists in the smooth-running of the session without impacting negatively on allotted time. Files should use the speaker's surname and session I.D.

SAFER SPACES POLICY

A Safer Spaces Policy is a set of guidelines asking all those that subscribe to it to be mindful of their behaviours and the way that it affects others.

While this conference is intended to foster discussion and debate, it is nonetheless important that all spaces are welcoming, and supportive, and that nobody is subjected to aggression, hostility, or intimidation. The organisers will not tolerate discrimination based on sexuality, gender identity, ethnic background, age, ability, class or religious belief.

We therefore ask everyone – organisers, workshop leaders, speakers, and delegates – to remember:

- that constructive criticism and dissent are welcome, but should be focused on the issue, not the person. Personal attacks and false and defamatory accusations will not be accepted.

- to respect the rights of all to speak without interruption and to have their viewpoints heard.
- to stay on topic – before raising an issue, please ask yourself if you're making a contribution to the discussion and if you are raising that issue in the right setting.
- to consider the effect your own words and actions may have on others.
- respect people's boundaries, physical and emotional.
- to not make assumptions about people's gender identity, abilities or backgrounds.

Remember that the bad behaviour of one individual is not an excuse for another to not respect this Safer Space Policy. These guidelines are a collective responsibility: everyone is personally responsible for their own behaviour, and should challenge poor behaviour in others.



For more information on **Archaeolingua publications, research activities** and **book ordering** visit www.archaeolingua.hu

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- Substantial **discounts on our monographs** about the latest research
- Conferences and meetings – including our **joint conference with the Nautical Archaeology Society** in November 2015, our **50th Anniversary Congress** in April 2016, and our annual **Geoff Egan Memorial Lecture**

SPMA also awards grants for research and community archaeology projects – visit our website and follow us on Twitter and Facebook to find out more!

www.spma.org.uk



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SCIENTIFIC PROGRAMME

ARCHAEOLOGY & MOBILITY

Europe in the 21st century faces several major challenges – economic, social and environmental – and one key to understanding and addressing those challenges involves issues related to mobility.

The theme of archaeology and mobility here stands not only for the physical & geographical movement of people but also the movement of people socially, economically and culturally. It includes too the mobility of knowledge and ideas, through innovation or necessity, and whether for altruistic, selfish or sinister reasons.

Sub themes encompass mobility and its impact on communication and the transmission of knowledge; mobility and its impact on social cohesion, integration and identity; the role of mobility in conflict; mobility as a driver for economic growth; and many more besides – the list is long.

In archaeology, we study people through their multifarious material manifestations, many of which engender or reflect the changes these movements have effected, aspirations as well as outcomes, failures as well as successes.

The challenge to us, as archaeologists, is to demonstrate how we may put our knowledge of the past to beneficial use in helping shape the future, including by highlighting and communicating knowledge and understanding of how to deal more successfully with the opportunities and challenges ever-increasing mobility presents to European societies today.

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RECONFIGURING IDENTITIES

From the individual to the nation state identity is a critical concept for all of European archaeology. Definitions of identity stress shared distinctive features that serve to differentiate at the collective level of the group and articulate as nested sets of being and belonging. Identity also embraces unique and individualising traits that take contingent precedence in relation to personhood and change across the individual life course. Exploring both are essential for our examination of the everyday experiences of people in the past.

Identities are frequently contested and controversial. A significant area is the place of identity in heritage policy and the contemporary identification of cultural value and ownership. There are also wider disciplinary and professional identities to consider with implications for archaeological practice.

As a conference theme Reconfiguring Identities invites contributions that address, challenge and explore these diverse and often divergent archaeological engagements with identity. The goal being to ask new questions, critically examine the use of material culture and the application of theoretical approaches that seek to reconfigure identity for present and future pasts.

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- RI11** Good fences make good neighbours? Boundaries within landscapes and settlements as evidence of shared identity **181**
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- RI22** Operationalizing hybridization in the Mediterranean. A multiscalar approach on material culture during the Bronze and Iron Ages. **253**
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- RI38** Gender and Power Structures in the Mediterranean Past **327**

SCIENCE & ARCHAEOLOGY

'Hard' science has long been used as a major tool in archaeology, and its application and impact are growing: for example, recent advances in organic chemistry and recent applications of isotope analysis are helping to revolutionise our understanding of prehistoric diet and mobility. However, its use is not unproblematic. Misunderstanding of scientific techniques by archaeologists, and of archaeology by scientists, can lead to the wrong conclusions being drawn. Worse, the 'have analytical technique, seek archaeological fodder' phenomenon can waste precious archaeological resources. Conversely, the cost of analysis and uneven distribution of equipment means that some useful analysis fails to be undertaken. This theme will explore ways of linking the two communities, facilitating mutual understanding and ensuring that the right kind of analytical work gets done.

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COMMUNICATING ARCHAEOLOGY

This is an emerging trend as highlighted by recent research in Archaeology and Digital Communication: Towards Strategies of Public Engagement (2012) edited by Chiara Bonacchi which recognises that “archaeologists now face a myriad of ways of engaging with the public – from print publication to exhibition formats, including 3D digitisation and visualisations, and increasingly both through and combining digital products and social media. It is critical that the potential and limitations of these vehicles are utilised effectively and appropriately to ensure optimal audience reach and participation. The theme of Communicating Archaeology encourages the exploration of how archaeology is now engaging the public in the rapidly changing world of visual and digital communication, museum exhibitions and other media as well as how this practice has changed over time to suit new audiences.

The theme highlights digital strategies of public engagement that will be of interest to archaeologists working in various contexts, particularly in collaboration with media professionals and institutions. It will identify some of the most promising uses of digital media in different domains of archaeological communication and the benefits they can generate for participants. The theme encourages the presentation of case studies highlighting how such media experiences are designed and consumed.”

The Communicating Archaeology theme is generously sponsored by Forestry Commission Scotland.

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CA29 Communicating Archaeology: Global Management and Innovative Interpretations **236**

LEGACIES & VISIONS

The concept of an archaeological legacy seems to have four components: Inspiration, Trajectory, Achievements and Inheritance. The legacies from our predecessor archaeologists have inspired the present generation of archaeologists by the advances made in understanding and theory, by the invention or adaption of techniques and methods, by particular papers, articles, books and exhibitions which broke new ground or changed ideas and by discoveries which profoundly changed perceptions. Each of these gifts provide us with trajectories of thought and idea: where did they come from and where did they take our predecessors and are taking us? What new main tracks of concept and knowledge did they reveal but also what side-tracks were explored (and what might be worth re-exploring now)? Were their dead-ends necessarily our blind alleys or can we learn from or should we explore their short-comings?

Our predecessors continue to inspire and challenge us by their targets and their surprises, their changes of perception and by their defeats and mistakes. And if they have left us a huge wealth of dynamic understanding what should we be thinking of passing on to our successor generations? How strongly should we try to influence what they do with our legacies, what hopes do we have for new knowledge and are there warnings that we must leave? The theme of Legacies and Visions therefore invites sessions and papers that acknowledge where we have all come from and look imaginatively to where we should go and what we must discover.

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CELTIC CONNECTIONS

There is scarcely a place in Europe between Ireland and Anatolia that has not been touched by the Celtic language and culture at one time or another. The Celtic phenomenon has been described as the first European culture, and yet the very concept of Celtic remains contested. The links between Celtic languages and material culture remain problematic. Fundamental archaeological questions relating to the origins and flow of Celtic culture are currently up in the air with the traditional model of dissemination from central Europe being replaced with an Atlantic origin. The significance of the Celtic contribution to European culture in religious, political, artistic arenas are also debatable. In some regions Celtic carries a purely academic meaning, while elsewhere the 'Asterix' ideal has elevated the Celt to an archetype of resistance and independence. In Britain, the Celticity debate has encouraged certain Anglo-Saxon prehistorians to question the existence of Celts. Such a view finds little encouragement in Scotland, which is experiencing something of a Gaelic revival. All of which makes Glasgow, Baile Mòr nan Gàidheal – 'city of the Gael', as it was known in the 19th century, the ideal setting to discuss these and other Celtic issues.

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INTERPRETING THE ARCHAEOLOGICAL RECORD

In addition to the six key themes that form the framework for the EAA Glasgow it is important to ensure sessions with a broader interest base are comfortably accommodated within the programme. The theme of 'Interpreting the Archaeological Record' provides a vehicle to for such sessions.

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THURSDAY

3RD SEPTEMBER 2015

Thursday 3rd September

	Room	8:00	10:30	13:30	14:00				
Boyd Orr Building	Lecture Theatre 1	SA1	(Re)Writing The Past Using 'Novel' Scientific Techniques	SA1	(Re)Writing The Past Using 'Novel' Scientific Techniques	SA1	(Re)Writing The Past Using 'Novel' Scientific Techniques		
	Lecture Theatre 2	RI7	Current Approaches To Archaeological Juvenile Burials	RI7	Current Approaches To Archaeological Juvenile Burials	RI7	Current Approaches To Archaeological Juvenile Burials		
	Lecture Theatre A	CA8	Communication As Collaboration: Digital Methods, Experiences And Value	CA8	Communication As Collaboration: Digital Methods, Experiences And Value	CA8	Communication As Collaboration: Digital Methods, Experiences And Value		
	Lecture Theatre B	CC1	Celtic Arts In Context. Connecting Objects, Functions And People	CC1	Celtic Arts In Context. Connecting Objects, Functions And People	CA3	Art, Craft And Archaeology	CA3	Art, Craft And Archaeology
	Lecture Theatre C	AR11	Stationary Fishing Structures – Use Of Joint Facilities By Fishing Communities	AR11	Stationary Fishing Structures – Use Of Joint Facilities By Fishing Communities	AR11	Stationary Fishing Structures – Use Of Joint Facilities By Fishing Communities	SA3	Architectures of fire: Processes, space and agency in pyrotechnology
	Lecture Theatre D	CA17	Metal Detecting In Context: New Focus In An Old Debate?	CA17	Metal Detecting In Context: New Focus In An Old Debate?	AR6	Limits Of Raw Materials: Technology As Tradition Or Adaptation?	AR6	Limits Of Raw Materials: Technology As Tradition Or Adaptation?
	Lecture Theatre E	SA21	Slum-Dwellers Revisited: Bioarchaeology, Documentary Archaeology, And The Case For An Integrated Approach To 19th Century Poverty	SA21	Slum-Dwellers Revisited: Bioarchaeology, Documentary Archaeology, And The Case For An Integrated Approach To 19th Century Poverty	AR1	The Filthy Reality Of Everyday Life? Reflections On Dirt From Prehistory To The Present	AR1	The Filthy Reality Of Everyday Life? Reflections On Dirt From Prehistory To The Present

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	326	CA22	Rethinking Archaeological Communications: New Approaches To Publication	CA22	Rethinking Archaeological Communications: New Approaches To Publication	CA25	Teaching Archaeological Theory: Round Table Of The Committee For Teaching And Training Of Archaeologists	CA25	Teaching Archaeological Theory: Round Table Of The Committee For Teaching And Training Of Archaeologists
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	504	AM21	Classical And Early Medieval Mobility	AM21	Classical And Early Medieval Mobility	RI29	The Archaeology Of Confinement	RI29	The Archaeology Of Confinement

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	208	CC5	Prehistoric Archaeology And Landscapes Of The Continental Shelf	CC5	Prehistoric Archaeology And Landscapes Of The Continental Shelf	CA12	From Written Sources To Archaeological Fields: Ancient History And Archaeology In A Renewed Interdisciplinary Dialogue	CA12	From Written Sources To Archaeological Fields: Ancient History And Archaeology In A Renewed Interdisciplinary Dialogue
Kelvin Building	222	SA11	Identification And Interpretation Of Past Epidemics: From Archaeological Evidence To Multidisciplinary Analysis	SA11	Identification And Interpretation Of Past Epidemics: From Archaeological Evidence To Multidisciplinary Analysis	CC3	Going Underground: The Archaeology Of Souterrains In Scotland, Ireland, Cornwall And Brittany	CC3	Going Underground: The Archaeology Of Souterrains In Scotland, Ireland, Cornwall And Brittany
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	355	AR18	Interpreting The Archaeological Record: Classical, Roman And Migration	AR18	Interpreting The Archaeological Record: Classical, Roman And Migration	RI12	Grave Disturbances: The Secondary Manipulation Of Burials	RI12	Grave Disturbances: The Secondary Manipulation Of Burials
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Humanities Lecture Theatre	G255	SA6	Complex Issues In Dating Coastal & Island Settlements	SA6	Complex Issues In Dating Coastal & Island Settlements	CA26	The Role Of Research In Archaeological Heritage Management	CA26	The Role Of Research In Archaeological Heritage Management

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AM10 GLOBAL MARKETS AND LOCAL MANUFACTURING: WOOL PRODUCTION AND TRADE

BOYD ORR - ROOM 709

Chair: Dr. Idoia Grau Sologestoa / **Organiser(s):** Dr. Idoia Grau Sologestoa, Dr. Chiara Corbino, Dr. Alessandro Quercia

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Introduction to the session: Global markets and local manufacturing: wool production and trade**, Grau Sologestoa, I (University of Sheffield - University of the Basque Country); Corbino, C; Quercia, A
- 1400 - 1420 **Textile Archaeology in Roman Venetia**, Busana, M (University of Padua); Tricomi, A; Rossi, C
- 1420 - 1440 **Scientific methods of understanding wool fineness in medieval archaeological textiles**, von Holstein, I (Christian Albrechts University, Kiel)
- 1440 - 1500 **English wool and Byzantine silk in middle ages Economic, social, religious and cultural dimensions**, Karagianni, A (Aristotle University of Thessaloniki)
- 1500 - 1520 **Sorting Sheep and Goats in Medieval Iceland and Greenland: Local Subsistence, Climate Change, or World System Impacts?**, Smiarowski, K (CUNY Graduate School); Harrison, R; McGovern, T
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Giving sheep shelter from the storm: A consideration of fourteenth-century sheep housing**, Berryman, D (Queen's University Belfast)
- 1620 - 1640 **Wool and wool processing tradition in medieval rural handicraft in Estonia**, Rammo, R (University of Tartu)
- 1640 - 1700 **Discussion**

Posters

Cuculli Liburnici - traces of wool production in Roman Dalmatia, Ožanić Roguljić, I (Institut za arheologiju); Lipovac Vrkljan, G

Do manuscripts provide clues to the wool trade?, Collins, M (University of York); Fiddymont, S; Teasdale, M; Doherty, S

Torre Valca: the processing of wool in the Caffarella valley, Regional Park of Appia Antica, Rome, Paolini, A (University of Tor Vergata)

The Largest Assemblage of Medieval Wool Textiles from Archaeological Excavations in the Czech Republic, Brezinova, H (Institute of Archaeology CAS); Kohout, D



AM14 NORTH ATLANTIC ISLANDS: NETWORKS, SETTLEMENT, AND IDENTITY

JAMES WATT SOUTH 375

Chair: Ms. Magdalena Schmid / **Organiser(s):** Ms. Magdalena Schmid, Ms. Lara Hogg

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Long-term Comparative Island Ecodynamics in the North Atlantic: Similar Beginnings – Different Outcomes?**, Harrison, R (City University of New York - Hunter College); McGovern, T; Hambrecht, G; Dugmore, A; Vesteinsson, O; Smiarowski, K
- 0830 - 0850 **The pioneer fringe in Greenland from a fossil insect point of view**, Panagiotakopulu, E (University of Edinburgh)
- 0850 - 0910 **Climate Change, Resilience, and Collapse in Medieval Norse Greenland: A Decade of Interdisciplinary Research**, Smiarowski, K (CUNY Graduate School); Madsen, C; McGovern, T; Arneborg, J; Simpson, I; Nielsen, M
- 0910 - 0930 **Incoming & Accommodating: localising models of Scandinavian settlement in the Northern and Western Isles**, Turner, V (Shetland Amenity Trust and University of Stirling); MacLeod Rivett, M
- 0930 - 0950 **Assemblies of Norse and Native on the Inner Hebridean Island of Mull**, Whyte, A (University of Glasgow)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The Classification of Animals in Viking Age Scotland**, Cooke, S (University of the Highlands and Islands)
- 1050 - 1110 **Horses or Mares? New aDNA results from horse burials from Viking Age Pagan Graves in Iceland**, Palsdottir, A (The Agricultural University of Iceland); Leifsson, R; Hallsson, J; Ludwig, A; Wutke, S
- 1110 - 1130 **Animals and Belief in the Norse North Atlantic**, Hogg, L (Cardiff University)
- 1130 - 1150 **Grave-goods in Viking Age Scotland and Iceland: the role of biographical objects and memory in two settlement regions**, Mitchell, J (University of Iceland)
- 1150 - 1210 **'Ring-Money' and the Homeland: Reconsidering the Material**

- Culture of 'Diaspora' in the Viking Age**, Critch, A (University of Cambridge)
- 1210 - 1230 **Food and identity in early medieval Atlantic Europe: the emergence of oat as a major crop**, McClatchie, M (University College Dublin)

AM18 THE ARCHAEOLOGY AND ARCHITECTURE OF MOVEMENT IN ROMAN LANDSCAPES

MATHEMATICS BUILDING - ROOM 204

Chair: Prof. Michel E. Fuchs / **Organiser(s):** Prof. Michel E. Fuchs, Miss. Anouk Busset

- 1600 - 1620 **Roman roads in Helvetian landscapes**, Fuchs, M (Université de Lausanne)
- 1620 - 1640 **From the Saone valley to the Ocean : the path of the "Ocean road" between Lyons and the Northern Gaul**, Kasprzyk, M (Inrap); Nouvel, P
- 1640 - 1700 **The Rhine River and its monuments. A semantic interrelationship between natural and man-made landscape**, von Fellenberg, V (Université de Lausanne)
- 1700 - 1720 **From Danube to Atlantic. Route of ideas and goods along of a former military infrastructure**, Magureanu, A (Institute of Archaeology "Vasile Parvan")
- 1720 - 1800 **Discussion**

Poster

Channel to Hadrian's Wall, Soto, M (University of Lausanne)

AM19 TRAFFICKING CULTURE: RESEARCH INTO THE GLOBAL TRAFFIC IN CULTURAL OBJECTS AT THE UNIVERSITY OF GLASGOW

MATHEMATICS BUILDING - ROOM 325

Chair: Dr. Christos Tsirogiannis / **Organiser(s):** Dr. Christos Tsirogiannis, Prof. Simon Mackenzie, Dr. Neil Brodie, Dr. Donna Yates, Ms. Terressa Davis

- 1330 - 1340 **Introduction**
- 1340 - 1400 **The interface between criminology and archaeology: trafficking culture**, Mackenzie, S (University of Glasgow)
- 1400 - 1420 **Cultural property protection policy failure in Syria**, Brodie, N

- (University of Glasgow)
- 1420 - 1440 **Preventing protection: On-the-ground barriers to effective cultural property policy in Bolivia and Belize**, Yates, D (University of Glasgow)
- 1440 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Lessons in Cultural Heritage Preservation: Learning About the Illicit Antiquities Trade from the Cambodian Civil War**, Davis, T (Antiquities Coalition)
- 1620 - 1640 **Inside Job: The Effects of Archaeological Involvement on the Illicit Antiquities Trade**, Lambert, M (University of Glasgow)
- 1640 - 1700 **An evidence-driven approach to mapping illicit antiquities networks**, Tsirogiannis, C (University of Glasgow)
- 1700 - 1800 **Discussion**

AM20 UNCOVERING HISTORICAL ROUTES FOR A SUSTAINABLE MOBILITY: METHODS, TOOLS, CASE STUDIES

MATHEMATICS BUILDING - ROOM 204

Chair: Prof. Cinzia Tavernari / **Organiser(s):** Prof. Cinzia Tavernari, Prof. Carlo Citter

- 0800 - 0810 **Introduction**
- 0810 - 0830 **The road network in the “longue durée”: a reading key of the history of the territories**, Watteaux, M (University of Rennes 2 (Brittany, France))
- 0830 - 0850 **Paris – Rouen – the Sea : an old story of over 2000 years**, Fajon, P (Ministère de la Culture - Direction Régionale des Affaires Culturelles de Haute-Normandie)
- 0850 - 0910 **Roman and pre Roman long distance roads : from excavation to road networks restitution**, Jean, B (Institut National de Recherches Archéologiques Préventives)
- 0910 - 0930 **Roman roads and “Barbarian” paths**, Volkman, A (Heidelberg University, Junior Research Group Digital Cultural Heritage)
- 0930 - 0950 **Reconstructing the Roman road network around Padua (Italy): an archaeomorphological approach**, Matteazzi, M (Catalan Institute of Classical Archaeology)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Sensing mobility through epigraphic records: the inscriptions of foreigners and pilgrims in early medieval Rome**, Nastasi, A

- (Sapienza Università di Roma)
- 1050 - 1110 **Roadways and epigraphy: the example of via Papalis in Rome in the 12th century**, Annoscia, G (Sapienza Università di Roma)
- 1110 - 1130 **A stratified routes' network in a stratified landscape. The region of Enna (central Sicily) from the Bronze Age to the 19th c. AD**, Citter, C (University of Siena); Amato, G; Di Natale, V; Patacchini, A
- 1130 - 1150 **From Inland Castles to Coastal Towers: A Shift in Mobility and Defensive Strategies within Post-Medieval Sicily**, Kirk, S (University of New Mexico)
- 1150 - 1210 **Hide and seek. Roads, lookouts and visibility cones in central Anatolia**, Turchetto, J (University of Padova); Salemi, G
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **On the road to Damascus: a GIS experience**, Tavernari, C (Abdullah Gül University); Del, A
- 1350 - 1410 **19th Century Model Villages in Ireland; Transport in a Controlled Landscape**, Turk, E (UCC)
- 1410 - 1430 **Historical routes and contemporary mobility in the digital era**, Papoulias, E (National and Kapodistrian University of Athens); Dima, P
- 1430 - 1530 **Discussion**

Poster

Urban spatial analyses: exploratory Roman land use model, Carnuntum (Austria), Tencer, T (Universität Wien); Neubauer, W

AM21 CLASSICAL AND EARLY MEDIEVAL MOBILITY

JOSEPH BLACK - ROOM 504

Chair: Elizabeth Langridge-Noti / **Organiser:** Elizabeth Langridge-Noti

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Mobile meanings: contextualizing reading and writing on Attic figured pottery**, Langridge-Noti, E (American College of Greece)
- 0830 - 0850 **Hellenistic and Roman Elements in the Area of the Dacian Kingdom's Capital**, Bodó, C (Academia Română, Filiala Cluj-Napoca)
- 0850 - 0910 **Greek Imports in the territory of Kosovo during the Iron Period**, Baraliu, S (University of Pristine); Alaj, P

- 0910 - 0930 **Revealing the Roman frontier in a modernly altered landscape. The case study of Limes Transalutanus**, Stefan, D (Institute of Archaeology Vasile Pârvan); Stefan, M
- 0930 - 0950 **Cross-Cultural Exchanges in Byzantine Corinth: the pottery evidence**, Valente, R (University of Edinburgh)
- 0950 - 1000 **Discussion**

Poster

Going West – a Migration Period Cemetery in Miren (Slovenia), Karo, Š (ZVKDS); Tratnik, V

Coffee break

AM22 MARITIME MOBILITY

JAMES WATT SOUTH - ROOM 361

Chair: Sara Rich / **Organiser:** Sara Rich

- 1030 - 1050 **Nautical archaeology and the hermeneutics of the anti-social**, Rich, S (Maritime Archaeology Ltd)
- 1050 - 1110 **Shipwrecks, Shipworms and Global 'Worming'**, Palma, P (Bournemouth University)
- 1110 - 1130 **An investigation of a Oenotrian people of Southern Italy, connections across the Mediterranean Sea**, Macrì, P (independent)
- 1130 - 1150 **Recycling Ships, Maritime archaeological aspects of Suomenlinna**, Leino, M (The National Board of Antiquities of Finland)
- 1150 - 1230 **Discussion**

AM3 GLOBAL APPROACHES TO MODELLING AND THEORISING MOBILITY

MATHEMATICS BUILDING - ROOM 214

Chair: Caroline Wickham-Jones / **Organiser:** Caroline Wickham-Jones

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Mobile or permanent? Surviving the loss of Doggerland**, Wickham-Jones, C (University of Aberdeen, Department of Archaeology)
- 1400 - 1420 **Crossing the Coastline: the role of the seaboard in the**

- movement of people and culture**, Rogers, A (University of Reading)
- 1420 - 1440 **The Production of Mobility: the mobility of production**, Valdez-Tullett, A (Southampton City Council Archaeology Unit)
- 1440 - 1500 **Reading the Stones. Modelling the Early Aurignacian Archaeological Landscape of the Banat (SW-Romania)**, Leonard, I (CRC 806 'Our Way of Europe' | University of Cologne)
- 1500 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **The End of Immobilism: Archaeo-linguistic Evidence for Holocene Language Group Expansion in North-Western Australia**, McConvell, P (Australian National University); Williams, A; Maloney, T
- 1620 - 1640 **Modelling mobility: the case of the chicken**, Pitt, J (Bournemouth University)
- 1640 - 1700 **Establishing Migration Link Between Europe and India in Context of Aryan Culture**, Bhansali, K (Shrimad Rajchandra Prakrut Nidhi)
- 1700 - 1720 **Mobility and Remoteness in the Middle Susitna, Alaska**, Krasinski, K (Adelphi University); Wygal, B; Seager-Boss, F
- 1720 - 1800 **Discussion**

AM8 EXCHANGE OF GOODS AND IDEAS. LONG DISTANCE TRADE IN SOCIAL AND CULTURAL CONTEXT

JOHN MCINTYRE 201

Chair: Dr. Marta Zuchowska / **Organiser(s):** Dr. Marta Zuchowska, Mr. Robert Zukowski, Li Yusheng

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Long distance cross-cultural contacts of Late Palaeolithic societies in Poland**, Sobkowiak-Tabaka, I (Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 0830 - 0850 **Large felines representations on Cucuteni – Trypillia pottery. The long journey of an image**, Bodi, G (Romanian Academy, Iasi Branch, Institute of Archaeology, Project ID 0885); Solcan, L; Vornicu, M; Bejenaru, L
- 0850 - 0910 **Commensality and Long-distance Interaction in the Bronze Age of Atlantic Europe**, Leonard, K (National University of Ireland, Galway)

- 0910 - 0930 **"Alien" Artefacts: transfer of value and meaning in the European Bronze Age?**, Wiggering, L (Research Training Group "Value and Equivalence" Goethe-University, Frankfurt)
- 0930 - 0950 **Were Mycenaeans living abroad? Anthropological approaches in the study of cross-cultural trade between Central and Eastern Mediterranean**, Ramirez Valiente, P (Complutense University of Madrid, Prehistory Department)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Art and craftsmanship in Rome between the Middle and the Late Republican time. Objects, men and ideas in the age of the conquest**, Ferrandes, A (Sapienza - Universita' di Roma)
- 1050 - 1110 **Workshops, goldsmith and trade in 5th-7th centuries (Lower Danube area)**, Magureanu, A (Institute of Archaeology "Vasile Parvan")
- 1110 - 1130 **Byzantine coins in the West – their engagement in early-medieval economics**, Auzina, D (Faculty of Archaeology - Leiden University); Lippok, F
- 1130 - 1150 **Carolingian male ornaments in Great Moravia – just a fashion or a manifestation of social identity?**, Robak, Z (Institute of Archaeology of Slovak Academy of Sciences)
- 1150 - 1210 **Rome in the New World? Early Explorations of Transatlantic Transfers of European Classical Identity**, Newstead, S (School of Archaeology & Ancient History, University of Leicester); Gonzalez Sanchez, S
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **The glocalization of Gammel Strand, Copenhagen, Denmark**, Whatley, S (Museum of Copenhagen)
- 1350 - 1410 **Commercialisation, Change and Continuity: an archaeological study of exporting cattle from the Scottish Highlands before and during Improvement**, Adamson, D (University of Glasgow)
- 1410 - 1430 **Beyond the Northeastern Frontier of Caliphate. Remains of a Busy Trade route between China and the Muslim World**, Adamiak, M (Institute of Archaeology, University of Warsaw); Zuchowska, M
- 1430 - 1450 **Metal, Salt, and Horse Skulls: Elite-level Exchange and Human Movement in Prehistoric Southwest China**, Hein, A (Ludwig-Maximilians-Universität München)
- 1450 - 1530 **Discussion**

- 1600 - 1620 **New discussion on dated exotic objects of early medieval China (3-10 c.AD)**, Li, Y (School of Cultural Heritage, Northwest University)
- 1620 - 1640 **Transitional trends. Popularity of western glass vessels in China and Japan between 4th and 10th century AD**, Zuchowska, M (Institute of Archaeology, University of Warsaw); Zukowski, R (Institute of Archaeology and Ethnology, Polish Academy of Sciences)
- 1640 - 1700 **Discussion**

Posters

Interpretation Models of the Distribution of Bavarian Chert and Carpathian Obsidian in the Neolithic of the Czech Republic, Řídký, J (Institute of Archaeology Prague CAS); Burgert, P; Končelová, M

Theories about Aphrodite's cult origin in the Milesian Greek colonies of the Black Sea, Manea, E (University "Alexandru Ioan Cuza")



AR1 'THE FILTHY REALITY OF EVERYDAY LIFE'? REFLECTIONS ON DIRT FROM PREHISTORY TO THE PRESENT

BOYD ORR - LECTURE THEATRE E

Chair: Dr. Eileen Reilly / **Organiser(s):** Dr. Eileen Reilly, Dr. Gary King, Dr. Roos Van Oosten

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Dung as prehistoric material**, Prijatelj, A (Durham University)
- 1400 - 1420 **Bathing for Health: the Relationship between Hygiene and Balneotherapy in the Roman World**, Avramova, M (The Antiquity of Southeastern Europe Research Center, University of Warsaw)
- 1420 - 1440 **Dirt as the landscape of the powerless. Conflict and chaos at an early medieval craftsman's workshop as seen through a study of dirt**, Linaa, J (Moesgaard Museum)
- 1440 - 1500 **Townscapes and Pooscapes**, O'Meara, D (Durham University)
- 1500 - 1520 **Variations in the clean and dirty spaces: urban activities within the indigenous quarter in medieval Rīga, Latvia, in light of integrated environmental analyses**, Banerjee, R (University of Reading); Shillito, L
- 1520 - 1530 **Discussion**

Coffee break

- 1600 - 1620 **Where throwing out rubbish? Reflexion of waste management and study of refuse areas in the towns in Bohemia and Moravia in the High Middle Ages**, Capek, L (Department of Archaeology, University of West Bohemia in Pilsen)
- 1620 - 1640 **Everyday Life from Pits of Filth: Presenting a New Model to Understand Mediaeval Commerce, Industry and Social Organisation from the Zooarchaeological Record**, Broderick, L (www.zooarchaeology.co.uk)
- 1640 - 1700 **"Slop buckets were emptied on the streets covered with dirt and dung" How could they live in the midst of that all? - What if they didn't?**, Seppänen, L (Turku University)
- 1700 - 1720 **Dirt as matter exactly in the right place - or the cultivation of medieval Lund**, Eriksson, G (Kulturen); Guldåker, A
- 1720 - 1740 **The 19th century sanitary awakening in a long-term perspective: mapping pre-industrial sanitation infrastructure in the Dutch town of Haarlem**, van Oosten, R (Leiden University)
- 1740 - 1800 **Discussion and closing remarks by Gary King**

Posters

Dishing the Dirt: A fresh look at Copenhagen's urban waste and its treatment in the 17th and 18th century, Hansen, C (Museum of Copenhagen); Wiene, I; Lyne, E

The landfill urban Site Ufa II as a source of artifacts in the Southern Urals: from the early Middle Ages to the late 20th century, Leonova, T (Bashkir State Pedagogical University named after M.Akmulla, Laboratory of method and methodology of human research); Shuteleva, I; Shcherbakov, N

The cesspit and beyond: dealing with rubbish in medieval Tartu, Estonia, Haak, A (Tallinn University / University of Tartu)

What tells the medieval brooms?, Blaževičius, P (National Museum – Palace of the Grand Dukes of Lithuania)

AR10 RAISING THE ROOF: RECONSTRUCTING TIMBER ARCHITECTURE FROM ARCHAEOLOGICAL EVIDENCE

MATHEMATICS BUILDING - ROOM 416

Chair: Mr. Roderick McCullagh / **Organiser(s):** Mr. Roderick McCullagh, Dr. Tanja Romankiewicz, Dr. Katja Winger, Mr. Daniël Postma

- 1330 - 1340 **Introduction**
- 1340 - 1400 **The deliberate destruction of Cucutenian houses: a case of affordance?**, Cotiuga, V (University of Iasi); Caliniuc, S
- 1400 - 1420 **Man is the measure of all things? Some thoughts about building techniques and implements at the oppidum of Manching**, Winger, K (Freie Universität Berlin)
- 1420 - 1440 **Alternatives and approximations: reconstructing timber constructions in treeless prehistoric landscapes**, Romankiewicz, T (University of Edinburgh)
- 1440 - 1500 **Settlement-mounds and turf houses in northern Jutland, Denmark - The introduction of the turf longhouses in northern Europe. The architecture and construction**, Haue, N (Historical Museum of northern Jutland)
- 1500 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Crucks on the Continent? A reconstruction model for early medieval farm buildings in the north of the Netherlands**, Postma, D (University of Groningen)
- 1620 - 1640 **Timber building technology; variations in technical recipes derived from Roman and Saxon wet site excavations in London**, Goodburn, D (Museum of London Archaeology)
- 1640 - 1700 **Rebuilding the motte tower**, Wyeth, W (University of Stirling)
- 1700 - 1800 **Discussion**

AR11 STATIONARY FISHING STRUCTURES - USE OF JOINT FACILITIES BY FISHING COMMUNITIES

BOYD ORR - LECTURE THEATRE C

Chair: Dr. Harald Lübke / **Organiser(s):** Dr. Harald Lübke, Dr. Stefanie Klooss, Dr. Satu Koivisto, Dr. Vladimir Lozovski, Dr. Lisbeth Pedersen

- 0800 - 0810 **Stationary fishing structures - use of joint facilities by fishing communities. Introduction talk**, Lübke, H (ZBSA - Centre for Baltic and Scandinavian Archaeology); Kloöß, S; Pedersen, L; Koivisto, S
- 0810 - 0830 **Fishy business - Estuary fishing with stationary structures in coastal Northern Ostrobothnia, Finland c 3000 BC**, Koivisto, S (University of Helsinki)
- 0830 - 0850 **Recent discoveries of Stone Age fishery constructions on the territory of European Russia**, Lozovski, V (Institute for the History

of Material Culture RAS)

0850 - 0910 **Evidences of fish-net use from Mesolithic and Neolithic sites in Eastern Europe**, Lozovski, V. & Lozovskaya, O (Institute for the History of Material Culture RAS)

0910 - 0930 **Neolithic fishing constructions of Dnepr-Dvina region**, Dolbunova, E (The State Hermitage museum); Sablin, M; Lyashkevich, E

0930 - 0950 **Living by the sea, fishing at the lake. The first results of fish bone analysis for the Šventoji 4 site, SE Baltic, 3000-2700 cal BC**, Piličiauskienė, G (Vilnius University); Piličiauskas, G; Lõugas, L

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **Fishing with stationary wooden devices in Danish waters throughout 8000 years**, Pedersen, I (museum lolland-falster)

1050 - 1110 **Following in the footsteps of a Neolithic fisherman - Fishing Weirs in a changing Landscape at Syltholm, Lolland, Denmark**, Stafseth, T (Museum Lolland Falster)

1110 - 1130 **Material and manufacturing technique of Ertebølle fish trap baskets**, Klooss, S (Institute of Pre- and Protohistoric Archaeology of Kiel University)

1130 - 1150 **Late Neolithic Fishers at Lake Arendsee, Sachsen-Anhalt, Germany**, Lübke, H (ZBSA - Centre for Baltic and Scandinavian Archaeology); Leineweber, R; Diers, S; Fritsch, B

1150 - 1210 **Coastal fishing structures study: a major research step in Western France**, Daire, M (CNRS - UMR 6566 CReAAH); Langouet, L; Bernard, V; Le Ru, L

1210 - 1230 **Discussion**

Lunch

1330 - 1350 **Terrestrial Laser Scanning as a Means of Recording Fishing Structures**, Lobb, M (University of Southampton); Brown, A; Leyland, J

1350 - 1410 **Fishing structures in global context: Social and economic implications**, Christie, A (University of the Highlands and Islands)

1410 - 1430 **Discussion**

Poster

An experiment of the Early Neolithic fishing trap extraction at Zamostje 2 peatbog site, Lozovski, V (Institute for the History of Material Culture RAS); Lozovskaya, O; Marmer, I

Funnel Beaker Culture With Leisters And Fish Weirs, Jensen, L.E. (Museum Lolland-Falster); Kasper Høhling Søsted

AR16 INTERPRETING THE ARCHAEOLOGICAL RECORD: GIS AND SPATIAL ANALYSIS

JAMES WATT SOUTH - ROOM 361

Chair: Tsoni Tsonev / **Organiser:** Tsoni Tsonev

- 1330 - 1340 **Introduction**
- 1340 - 1400 **How space talks**, Spring, M (c/o Zurich University)
- 1400 - 1420 **The influence of conventions and mental stereo-types on the reproduction of landscape-images. Presenting an alternative method by analysing hunebed-pictures**, van den Brink, T (Wageningen University)
- 1420 - 1440 **Interpreting the Archaeological Record by the aid of GIS – The Insula 30 of Augusta Raurica (CH)**, Straumann, S (Augusta Raurica / University of Basel)
- 1440 - 1500 **Properties of archaeological spatial data and their impact on interpretation of archaeological record**, Tsonev, T (National Institute of Archaeology and Museum)
- 1500 - 1520 **The Late Neolithic in Southern Bavaria – a GIS based approach**, Metz, S (Ludwig-Maximilians-University Munich)
- 1520 - 1530 **Discussion**

Poster

Prehistoric Measurement of Time and Distance, Keatch, R (Independent Researcher)

Coffee break

AR18 INTERPRETING THE ARCHAEOLOGICAL RECORD: CLASSICAL, ROMAN AND MIGRATION

JAMES WATT SOUTH - ROOM 355

Chair: Lauren McIntyre / **Organiser:** Lauren McIntyre

- 0800 - 0810 **Introduction**
- 0810 - 0830 **New studies of epinetron. An example of symbiotic relationship between classics and archaeology**, Szubert, B (University of Wrocław)

- 0830 - 0850 **New aspects of imperial commemorative symbolism in the cityscape of Constantinople: reality and virtuality**, Brun, R (University of Lund)
- 0850 - 0910 **Reconstructing the Population of Roman York**, McIntyre, L (Elmet Archaeological Services Ltd)
- 0910 - 0930 **Cleaning activities and waste disposal in Roman towns: their impact on the record and on our way to interpret it**, Furlan, G (Università di Padova)
- 0930 - 0950 **Borderlands in transition – The Landscape north and south of the Lower Rhine Limes between 50 BC and 500 AD**, Radloff, K (Römisch-Germanische Kommission des DAI)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The migration Period Burial Site in Prague – Zličín, Czech Republic in the light of multidisciplinary research**, Kuchařík, M (Labrys o.p.s.); Vávra, J
- 1050 - 1110 **Throwing Rubbish over the Wall? Interpretation of a Hillside Situation of the Early Medieval Hillfort in Prague-Jinonice**, Kos, L (Charles University in Prague)
- 1110 - 1200 **Discussion**

Poster

A funerary investigation of a non-Hellenic people of Southern Italy: fluctuation in grave assemblages in two Oenotrian necropoleis of Basilicata (Alianello, MT and Guardia Perticara, PZ), Macrì, P (independent)

Lunch

AR20 INTERPRETING THE ARCHAEOLOGICAL RECORD: PROBLEMS IN EARLY PREHISTORY

JOSEPH BLACK – ROOM 407

Chair: Mick Morrison / **Organiser(s):** Mick Morrison

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Shell mounds as persistent places: niche resource production and living architecture in late Holocene northern Australia**, Morrison, M (Flinders University)
- 0830 - 0850 **Mesolithic human-environment interactions in the Bristol Channel region (UK)**, Standen, T (University of Southampton)
- 0850 - 0910 **Early Neolithic Sites on the Swedish West Coast**, Nordin, P

- (SHMM AU Mölndal); Johansson, G; Brorsson, T; Strucke, U
- 0910 - 0930 **An Eneolithic Perspective: Dogs in Burials, Rituals in Settlements**, Pasarić, M (Institute of Ethnology and Folklore Research)
- 0930 - 0950 **Different approaches to Neolithic Transition between the Eastern and Western Adriatic Seaboards**, Templer, M (University of Neuchâtel, Faculté des lettres et sciences humaines)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **A mixed-method approach to reconstructing the life-history of a Neolithic settlement in the Körös Basin, Hungary**, Salisbury, R (VIAS-Vienna Institute for Archaeological Science); Bácsmegi, G; Sarris, A
- 1050 - 1110 **Last Eneolithic monuments of Nakhchivan**, Aliyev, O (Azerbaijan National Academy of Sciences Institute of Archaeology and Ethnography); Aliyev, O; Aliyev, E
- 1110 - 1200 **Discussion**

Lunch

Posters

Gnawing, Butchering and other forms of Messing with the Dead: First cases from the Eastern Baltic area (Neolithic Lithuania), Daubaras, M (Lithuanian Institute of History); Jankauskas, R

Iron Age Graves as technological sequences. Case studies of Wielbark Culture from Poland, Chmiel, M (Independent researcher); Adamczyk, M

Neolithic Circular Palisade Enclosure – A Case Study of Plotišť nad Labem in the Czech Republic, Burgert, P (Institution of Archaeology Prague CAS); Řídký, J; Vokolek, V

Terracotta During the Middle Neolithic in the Balkans, Luci, K (Museum of Kosovo); Villes, A

AR6 LIMITS OF RAW MATERIALS: TECHNOLOGY AS TRADITION OR ADAPTION

BOYD ORR - LECTURE THEATRE D

Chair: Ms. Katarína Čuláková / **Organiser(s):** Ms. Katarína Čuláková, Mr. William Mills, Dr. Mara-Julia Weber

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Lithic Raw Material studies in Middle Palaeolithic Iberia**, Abrunhosa, A (UALg / ICArEHB)
- 1400 - 1420 **The quality beneath: Possible reasons for raw material choice in the Portuguese Upper Paleolithic and Mesolithic**, Pereira, T (Interdisciplinary Center for Archaeology and Evolution of Human Behavior); Bicho, N; Cascalheira, J; Haws, J; Marreiros, J; Andrade, C
- 1420 - 1440 **The weight of tradition – Magdalenian groups on the North European Plain**, Weber, M (Centre for Baltic and Scandinavian Archaeology, Foundation Schleswig-Holsteinische Landesmuseen Schloss Gottorf)
- 1440 - 1500 **Enhancing the duality of the chaîne opératoire to offer an understanding of Mesolithic events in Northern Britain**, Wright, D (University of Glasgow)
- 1500 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Lithic Raw Material Variability at Stainton West, Carlisle, Cumbria**, Dickson, A (Oxford Archaeology)
- 1620 - 1640 **Exploitation of the raw material of the poor quality – case study from Eastern Bohemia (central Europe)**, Čuláková, K (Institute of Archaeology, Czech Academy of Sciences)
- 1640 - 1700 **Relations of substance, material ambiguities**, Finlay, N (University of Glasgow)
- 1700 - 1720 **Between opposing idioms: epistemological issues in the interpretation of lithic raw material management**, Hussain, S (Faculty of Archaeology, Leiden University)
- 1720 - 1800 **Discussion**

Posters

Mesolithic flint axes in Lithuania: function and technology, Slah, G (Klaipėda University)

Some aspects of transverse arrowheads fracture analysis from Late Mesolithic Southeastern Baltic region, Rimkus, T (University of Klaipėda)

Raw material selection, human mobility and lithic technology organization during the Early Gravettian in Iberian Peninsula: the case study of Vale Boi and Cueto de la Mina, Marreiros, J (ICArEHB); Bradtmöller, M



AR9 PLACE-NAMES AND ARCHAEOLOGY: INTER-DISCIPLINARY PERSPECTIVES IN A EUROPEAN CONTEXT

MATHEMATICS BUILDING - ROOM 416

Chair: Dr. Stuart Brookes / **Organiser(s):** Dr. Stuart Brookes, Margarita Fernández Mier, Dr. Julio Escalona

- 0800 - 0820 **Coming together in the open air: the place names and archaeology of outdoor assembly places**, Brookes, S (UCL); Brookes, S
- 0820 - 0840 **Through magnifying glass: ancient landscapes and toponymy**, Pasquinucci, N (University of Pisa)
- 0840 - 0900 **Betweenan þære stræte and þære mædwe 'between the street and the meadow': place-names, archaeology, and travel and communication in Anglo-Saxon England**, Rye, E (University of Nottingham)
- 0900 - 0920 **Archaeology of medieval villages and Place Name analysis in the Basque Country, Spain**, Quiros, J (University of the Basque Country)
- 0920 - 0940 **Name of places and spatial analysis for the reconstruction of medieval landscape**, Gattiglia, G (University of Pisa)
- 0940 - 1000 **Archaeology and place names: some examples of their combined use in the NW of the Iberian Peninsula**, Margarita, F (Universidad de León); Menéndez-Blanco, A; Fernández-Fernández, J

Coffee break

- 1030 - 1050 **From toponyms to reconstructed impressions of Proto-Slavic myth in the landscape**, Belaj, J (Institute of archaeology)
- 1050 - 1110 **Mixed Names as an indicator of Slavic-German settlements?**, Marterior, K (Graduate School "Human Development in Landscapes", University of Kiel)
- 1110 - 1130 **From patterns to meaning: using place-names to identify focal areas and new site-types in the early medieval Welsh landscape**, Comeau, R (University College London Institute of Archaeology)
- 1130 - 1150 **Simonetta Menchelli-Eleonora Iacopini, The Pisa South Picenum Survey Project: a toponymy contribution to inter-disciplinary research**, Menchelli, S (University of Pisa. Department Department of Civilizations and Forms of Knowledge); Iacopini, E
- 1150 - 1210 **Water consciousness in early medieval England**, Jones, R

(University of Leicester)

1210 - 1230 **Discussion****Poster**

Tribulations of a place-name with archaeological remains. "Jidova" Roman camp: from the giants to the Dacian-Roman symbiosis and back, Măndescu, D (Argeş County Museum)

Lunch

CA12 FROM WRITTEN SOURCES TO ARCHAEOLOGICAL FIELDS: ANCIENT HISTORY AND ARCHAEOLOGY IN A RENEWED INTERDISCIPLINARY DIALOGUE

JOHN MCINTYRE - ROOM 208

Chair: Miss. Anna Miaczewska / **Organiser(s):** Miss. Anna Miaczewska, Mr. Edoardo Bedin, Dr. Anna Busetto

1330 - 1340 **Introduction**

1340 - 1400 **Ship Construction and Social Upheaval: How Changing Naval Architecture Helps to Explain the Transformation of Archaic Greek Society in the 6th c. BCE**, Salay, P (University of Southern California)

1400 - 1420 **How two Archaic Athletic Dedications Create an Historical Narrative**, Pearson, C (American School of Classical Studies at Athens)

1420 - 1440 **Hdt. V 62, 3: [Οἱ ἄλκμεωνοὶ δαί] τῶν τε νηῶν ἰξερῶσσαντο τοῦ παραδειγματος κῆλλιον τῶ τε ἄλλα[...]. Power Dynamics between Delphi and Athens during the Late Archaic Period**, Di Giuliomaria, D (Italian Archaeological School of Athens)

1440 - 1500 **Immaterial Materiality, or, When is a thing not a thing? Approaches to Space, Place, and Objects in Classical Archaeology**, Stewart, D (University of Leicester)

1500 - 1520 **The Econometrics of Ancient Greek Building Projects: Archaeology and Textual Sources**, Pakkanen, J (Finnish Institute at Athens)

1520 - 1530 **Discussion****Coffee Break**

1600 - 1620 **Lustrum condere: Where were the Mid-Republican census records kept?**, Pearson, E (University of Manchester)

1620 - 1640 **Salubrious Spaces: Gardens and Health in Roman Italy (c. 150**

- B.C.-A.D. 100**, Baker, P (University of Kent)
- 1640 - 1700 **Between Walls and Words: Approaching a Lived Experience of the Ancient Roman Villa**, Platts, H (Royal Holloway, University of London)
- 1700 - 1720 **Voices from the battle: Heraclea Lucania, a case study**, Lualdi, C (Università Cattolica del Sacro Cuore Sede di Milano)
- 1720 - 1740 **The Condemnation of a Strong Woman: Female Gladiators in Ancient Texts and Archaeological Record**, Miaczewska, A (Uniwersytet Marii Curie-Skłodowskiej w Lublinie)
- 1740 - 1800 **Discussion**

CA13 IT BELONGS ON THE INTERNET - COMMUNICATING ARCHAEOLOGY ONLINE

JAMES WATT SOUTH - ROOM 375



Chair: Mr. Tristan Boyle / **Organiser(s):** Mr. Tristan Boyle, Mr. Chris Webster

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Facebook and social media in Archaeology: between utility and waste of time**, Bedin, E (Università di Padova)
- 1400 - 1420 **Explorations of New Approaches to Online Public Outreach Archaeology in the Age of Pseudoscience**, Jordan, A (University of Wisconsin-Milwaukee)
- 1420 - 1440 **Experiences of online archaeology - the urban excavation of the early modern town of Nya Lödöse, Sweden**, Alfsdotter, C (Bohusläns museum /Västarvet)
- 1440 - 1500 **Developing a guidebook to help archaeologists create "good" websites**, Catto, L (Portland State University); Butler, V
- 1500 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Podcasting Archaeology - a Tool for Starting Conversations and Education**, Webster, C (DIGTECH LLC)
- 1620 - 1640 **"Does anyone really think that a raised plinth will deter drunk Glaswegians?" Traffic cone preservation and the online democratisation of heritage**, Yates, D (University of Glasgow); Doig, G
- 1640 - 1700 **Archaeology in the virtual: Day of Archaeology 2015 in Poland**, Piślewska, A (Institute of Prehistory); Pawleta, M
- 1700 - 1720 **Live from the trenches - The Social Media Presence of the**

Meillionydd Excavation, Wales, United Kingdom, Moeller, K
(Bangor University)

1720 - 1740

Digital Public Archaeology in Italy: what is changing and why it is important, Pate, D (independent researcher); Falcone, A; Romi, P

1740 - 1800

Discussion

Posters

Virtual Globes as a tool for Archaeology, Rutishauser, S (University of Bern);
Rosenbauer, R; Arni, T; Sollee, A; Kilchör, F

Taking 3D Virtual Reality to the web, Fabola, A (University of St Andrews); Miller, A

Just a Victim of the Headlines: Communicating Archaeology in Croatia Through Social
Media, Hulina, M (University of Zagreb, Faculty of Humanities and Social Sciences)



CA16 MERC FORUM

GREGORY BUILDING LECTURE THEATRE (109)

Chair: Prof. Dries Tys / **Organiser(s):** Prof. Dries Tys; Dr. Sally Foster, Dr. Georg
Haggren

1600 - 1800

The Forum roundtable will offer a place to discuss Medieval Archaeology in Scotland,
with the following distinguished speakers:

Roundtable Discussants

Forging Identities in Early Medieval Scotland, Campbell, E (University of Glasgow)

Medieval Archaeology in Scotland: Issues of identity and ethnicity, Hall, M (Perth
Museums)

Discovery, Recovery, Replication and Display: Representing the Medieval in
Nineteenth-Century Scottish Museums, Foster, S (University of Stirling)

CA17 METAL DETECTING IN CONTEXT: NEW FOCUS IN AN OLD DEBATE?

BOYD ORR - LECTURE THEATRE D

Chair: Dr. Pieterjan Deckers / **Organiser(s):** Dr. Pieterjan Deckers, Dr. Michael Lewis

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Auld Enemies - common 'problem', different solutions: Recording archaeological finds found by the public in England and Scotland**, Lewis, M (British Museum - Portable Antiquities Scheme)
- 0830 - 0850 **Man and Metal Detecting**, Fox, A (Manx National Heritage)
- 0850 - 0910 **The Jersey hoard: a case study in co-operation**, de Jersey, P (Guernsey Museum)
- 0910 - 0930 **The next step: the aims and development of a finds recording scheme in Flanders**, Marchal, C (Vrije Universiteit Brussel); Deckers, P; Tys, D
- 0930 - 0950 **Finders keepers, losers...archaeologists? Metal detecting in Finland**, Koivisto, L (Satakunta Museum); Heikkurinen-Montell, T
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Metal detecting in Spain: the case of Andalusia**, Rodríguez-Temiño, I (Junta de Andalucía)
- 1050 - 1110 **Is it better than nothing? Considering the 'positive contribution' of hobbyist metal detecting**, Ferguson, N (Treasure Trove Unit)
- 1110 - 1130 **From willingness to disaster : discover our past by metal detecting**, Lecroere, T (Halte Au Pillage du Patrimoine Archéologique et Historique)
- 1130 - 1230 **Discussion**
- Lunch**

CA2 ARCHAEOLOGY AND TOURISM

EAST QUAD LECTURE THEATRE

Chair: Dr. Sonja Jilek / **Organiser(s):** Dr. Sonja Jilek, Mr. Chris Corlett, Dr. Gavin MacGregor

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Marketing the Past to Shape the Future**, Strachan, R (Historic Scotland); MacDonald, G

- 1400 - 1420 **The European Route of Megalithic Culture - Pathways to Europe's earliest stone architecture**, Hauf, D (Megalithic Routes e.V.)
- 1420 - 1440 **Westphalian Megaliths go touristic – Archaeological investigations towards new ways presenting prehistoric monuments to the public**, Schierhold, K (Altertumskommission für Westfalen)
- 1440 - 1500 **How to show big stones? Thoughts around a scientific and touristic project for the preservation and valorisation of megalithic heritage of the Ruffécois (Charente, France)**, Ard, V (CNRS, UMR 5608 Traces); Delhoume, D; Moreau, M
- 1500 - 1520 **Boyne to Brodgar – cultural routes past, present and future**, MacGregor, G (Northlight Heritage); Heald, A
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Then and now: Discovering Switzerland's unknown Past**, Dunning Thierstein, C (ArchaeoConcept)
- 1620 - 1640 **Two failed medieval towns: insights into heritage and tourism in Ireland**, Doyle, I (The Heritage Council of Ireland)
- 1640 - 1700 **The Curse of the Betrothed: Evaluating the Relationship Between Archaeology and Tourism in Croatia AD 2015**, Mihelić, S (Archaeological Museum in Zagreb)
- 1700 - 1720 **Staging the past: the possible meeting ground between archaeology and tourism in contemporary Poland**, Pawleta, M (Institute of Prehistory)
- 1720 - 1740 **Archaeologist for a week – Voluntourism in Archaeology**, Moeller, K (Bangor University)
- 1740 - 1800 **Danube Limes Brand Tourism Action Plan**, Jilek, S (Institute for History Vienna University)

Posters

eEscape – to be continued, Purup, M (VisitSkanderborg); Høst-Madsen, L; Dissing, N

Presenting the invisible and unfathomable: Virtual museum and augmented reality of the Neolithic site in Bylany, Czech Republic, Kvetina, P (Institute of Archaeology CAS, Prague); Šumberová, R; Unger, J; Vavrečka, P

CA22 RETHINKING ARCHAEOLOGICAL COMMUNICATIONS: NEW APPROACHES TO PUBLICATION

MATHEMATICS BUILDING - ROOM 326

Chair: Mrs. Erin Osborne-Martin / **Organiser(s):** Mrs. Erin Osborne-Martin, Ms. Judith Winters, Dr. Frank Siegmund

0800 - 1230

Roundtable Discussants:

Just another www database? Artefacts online, Gransard-Desmond, J (Arkéo Topia); Feugère, M

Grey literature and archaeology in England, Donnelly, V (University of Oxford)

Beyond Linear: Towards Interactivity, Multiplicity and Reflexivity in Publication, Coplestone, T (University of York & Aarhus University)

Drowning in paper: the future of the archaeological monograph and the problem with print, Osborne-Martin, E (Society of Antiquaries of Scotland)

The Perils of Publishing with Integrity, Atkin, A (The University of Sheffield)

Do we need new, additional kinds of scholarly journals in archaeology?, Siegmund, F (Heinrich Heine Universität Düsseldorf)

'Publish or Perish' - a state funder's perspective, Brown, L (Historic Scotland)

Trying to become a different editor in Spanish Archaeology, Almansa-Sanchez, J (JAS Arqueologia)

Rethinking data publication: the MAPPA Data Note, Gattiglia, G (University of Pisa); Anichini, F

CA23 SUSTAINABLE HERITAGE TOURISM

MATHEMATICS BUILDING - ROOM 203

Chair: Prof. Christopher Prescott / **Organiser(s):** Prof. Christopher Prescott, Prof. Peter F Biehl, Dr. Hilary Soderland, Dr Douglas Comer

0800 - 0810 **Introduction**

- 0810 - 0830 **The curse of Archaeology: bottomless pit of money?**, Bedin, E (Università di Padova)
- 0830 - 0850 **Harnessing support from local residents, visitors and non-visitors for Herculaneum's conservation**, Court, S (Herculaneum Conservation Project); Paterlini, A; Del Duca, F; Del Tin, M
- 0850 - 0910 **A methodology based on the visitor's perception in Heritage management of archaeological remains abandoned in big cities's peripheral towns as a form of make a sustainable tourism within mountains's traditional roads**, Mármol-Martínez, J (Autonomous University of Madrid); Marín-López, M
- 0910 - 0930 **Vikings and World Heritage - towards new strategic synergies?**, Hølleland, H (The Norwegian Academy of Science and Letters)
- 0930 - 0950 **The Missing Link Between the Heritage and the Tourism**, Yalman, E (CIE-Center for Intenational Heritage Activities-Leiden & Cultural Awareness Foundation-Istanbul)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Assessing the tourism potential of an historic Australian mining town**, Landorf, C (The University of Queensland)
- 1050 - 1110 **Effectuating sustainable tourism: A multi-site, regional, integrative approach for moving from theory to practice**, Bartley, E (University of Cincinnati)
- 1110 - 1130 **Profitability vs. sustainability: Challenging issues in archaeological tourism in China**, Gao, Q (University of Barcelona)
- 1130 - 1150 **World Heritage management and local development. The case of the Mayan site of Palenque, an opportunity for life improvement of local communities and the protection of archaeological heritage**, Vargas, A (University of Barcelona)
- 1150 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Sustainable tourism through standards of good practice**, Dunning Thierstein, C (ArchaeoConcept); Willems, A
- 1350 - 1410 **Archaeology and Tourism in Latin America: Friends, Foes or Something More**, Coben, L (Sustainable Preservation Initiative)
- 1410 - 1430 **Archaeology Tourism and Heritage Management in Global Perspective**, Gilmore, R (College of Charleston Historic Preservation & Community Planning Program)
- 1430 - 1450 **Sustaining Archaeological Heritage**, Comer, D (ICOMOS International Committee on Archaeological Heritage Management)
- 1450 - 1510 **Micronesia Stone Heritage: Tangible Icons for Intangible**

Culture, Peterson, J (University of Guam)

1510 - 1530

Discussion

CA25 TEACHING ARCHAEOLOGICAL THEORY: ROUND TABLE OF THE COMMITTEE FOR TEACHING AND TRAINING OF ARCHAEOLOGISTS

MATHEMATICS BUILDING - ROOM 326

Chair: Mr. Hüseyin Çınar Öztürk / **Organiser(s):** Mr. Hüseyin Çınar Öztürk, Dr. George Bruseker, Prof. Ian Ralston

1330 - 1800

Roundtable Discussants:

Comparing Methods for Teaching Archaeological Theory and Reasoning, Öztürk, H (University of Cincinnati / ASCSA); Bruseker, G

The future of archaeological theory: is plurality the road it must take?, Ribeiro, A (Graduate School of Human Development in Landscape)

From dwelling to genesis: theory as reflexivity, Tonner, P (University of Oxford)

The issue of "relevance" of archaeological practice: archaeological theory out of context, Papaconstantinou, D (Arcadia University, The College of Global Studies, Athens Center)

Alternative Methods on Teaching Archaeology for Undergraduate Degrees: "Practical Archaeology Area" within the University Campus, Sari, D (Bilecik Şeyh Edebali University)

CA26 THE ROLE OF RESEARCH IN ARCHAEOLOGICAL HERITAGE MANAGEMENT (SESSION NOW DEDICATED TO PROF. WILLEM WILLEMS)

HUMANITIES LECTURE THEATRE (G255)

Chair: Ms. Margaret Gowen / **Organiser(s):** Ms. Margaret Gowen, Prof. Willem Willems (deceased)

1330 - 1340

Introduction (The Role of Research in HM), Margaret Gowen

1340 - 1400

Heritage Management & Research: The dynamics of dialogue,

- Olivier, A (University College London, Institute of Archaeology)
- 1400 - 1420 **Digging deeper - for long lines and big issues**, Paludan-Müller, C (NIKU, Norwegian Institute for Cultural Heritage Research)
- 1420 - 1440 **Representing Archaeology**, Comer, D (ICOMOS International Committee on Archaeological Heritage Management)
- 1440 - 1500 **On the Development of an Archaeological Synthesis Center**, Altschul, J (Statistical Research, Inc./SRI Foundation)
- 1500 - 1520 **Preventive archaeology in France: research led heritage management**, Pion, P (INRAP)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **The Netherlands. Research opportunities in developer-funded Archaeology**, Waugh, K (Vestigia Archeologie & Cultuurhistorie)
- 1620 - 1640 **Protection of the World Heritage against archaeological research: the case of the Prehistoric Pile Dwellings around the Alps registered at UNESCO**, Corboud, P (University of Geneva)
- 1640 - 1700 **A better future to the past: large scale development projects and the management of archaeological heritage in Romania**, Bors, C (Muzeul National de Istorie a Romaniei)
- 1700 - 1720 **Altamira Life History**, Barreiro, D (Instituto de Ciencias del Patrimonio); Criado-Boado, F
- 1720 - 1740 **From Opprobrium to Opportunity? Challenges in Managing the Peatland Archaeological Resource in Ireland**, Gearey, B (UCC)
- 1740 - 1800 **Discussion**

CA28 COMMUNICATING ARCHAEOLOGY: COMMUNICATING LANDSCAPES

JAMES WATT SOUTH - ROOM 361

Chair: Omer Can Aksoy / **Organiser:** Omer Can Aksoy

- 1600 - 1620 **Archaeological Atlas of Bohemia. Explaining archaeological remains in the landscape**, Langová, M (Institute of Archaeology ASCR, Prague, v.v.i., Czech Republic); Kuna, M
- 1620 - 1640 **The archaeological site of Viminacium as a unique cultural landscape**, Ilic, O (Institute of Archaeology)
- 1640 - 1700 **Spatial Manipulation and Cognition in Archeological Site Experience: The case of Battle of Aslihanlar**, Aksoy, O (UCL); Kahraman, G

- 1700 - 1720 **A digital approach to communicate archaeology by the use of mApp and iBeacons**, Gustavsen, C (Slottsfjellsmuseet)
- 1720 - 1740 **Beyond the space: the LoCloud Historical Place Names microservice**, Laužikas, R (Vilnius university); Jaronis, J; Vosyliūtė, I
- 1740 - 1800 **Dissemination the MEMOLA Project**, Bonet García, M (Arqueoandalusí Arqueología y Patrimonio S.L.); Delgado Anés, L; Martín Civantos, J

CA3 ART, CRAFT AND ARCHAEOLOGY

BOYD ORR - LECTURE THEATRE B

Chair: Dr. Stuart Jeffrey / **Organiser(s):** Dr. Stuart Jeffrey, Mr. Kai Salas Rosenbach, Mr. Lex ter Braak

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Map art as an alternative to Cartesian realism**, Valdez-Tullett, A (Southampton City Council Archaeology Unit)
- 1400 - 1420 **A percentage for art? Integrating artistic practice and archaeological survey**, Moore, J (Archaeology Institute, University of the Highlands & Islands); Hammond, R
- 1420 - 1440 **Ties that bind - Govan Unveiled**, Shearer, I (Northlight Heritage)
- 1440 - 1500 **Crafting Digital Engagements with the Archaeological Interpretation of a Scottish Hillfort**, Poller, T (University of Glasgow); Watterson, A; Baxter, K
- 1500 - 1520 **Collecting as archaeology, collecting as art: the Museum of Innocence and other experiments**, Hall, M (Perth Museum & Art Gallery)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Visual translations of ancient heritage – re-contextualising ancient European script through contemporary visual communication methods and media**, Levick-Parkin, M (Sheffield Institute of Arts); Flouda, G
- 1620 - 1640 **Linear Drawing in Archaeology: Between Representation and Metaphor**, Gheorghiu, D (National University of Arts – Bucharest)
- 1640 - 1700 **Archaeologists and Archaeology in the French-Belgian comic strip of the second half of the twentieth century to today**, Blanchard, P (Inrap); Blanchard, P; Jesset, S
- 1700 - 1720 **Heritage Site: Visualising an unreachable heritage**, Bird, N (Glasgow School of Art); Jeffrey, S

1720 - 1800 **Discussion**

Poster

The Job of Archaeologist and the Art of Cultural Mediation, Amonti, V (Independent researcher); Voltolini, D; Mangani, C; Scandolari, R

CA5 COMMITTEE ON PROFESSIONAL ASSOCIATIONS ROUND TABLE

GILBERT SCOTT - ROOM G466

Chair: Dr. Gerry Wait / **Organiser(s):** Dr. Gerry Wait, Dr. Kenneth Aitchison

0800 - 1230

Roundtable Discussants:

CIA-confederazione Italiana Archeologi. History, goals and strategies of the first professional association of archaeologists in Italy, Pintucci, A (University of Rome "Sapienza"); Cella, E

Grey literature and development-led archaeology in England, Donnelly, V (University of Oxford)

Update on the Discovering the Archaeologists of the Americas Pilot Project and Highlights of Other American Association News, Majewski, T (Statistical Research, Inc.)

World Archaeological Congress: Promoting Awareness and Expanding Networks Throughout Europe, Thomas, J (Indiana University); Rocks-Macqueen, D

The Chartered Institute for Archaeologists, Hinton, P (Chartered Institute for Archaeologists)

25 years working for the profession. Colegio de Arqueólogos de Madrid, Almansa-Sanchez, J (JAS Arqueología)

Professional Networks and Professional Institutes, Wait, G (Nexus Heritage)

Annual Business Meeting of the CPAA including election of Chairman and Secretary, Wait, G (Nexus Heritage)

CA6 COMMUNICATING AND DEMOCRATISING ARCHAEOLOGY THROUGH DIGITAL TRANSPARENCY

JOSEPH BLACK - ROOM 408

Chair: Mr. Jason Wood / **Organiser(s):** Mr. Jason Wood, Ms. Loura Conerney, Ms. B. Nilgün Öz

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Beyond the Castle: Engaging communities in the past, present and future of Lancaster's Castle Hill**, Conerney, L (Daca)
- 1400 - 1420 **Heritage Hackathons: Tools and interactions for bringing the past into the present through open data**, Whitham, R (Lancaster University)
- 1420 - 1440 **Hacking Archaeology- building an open API for archaeological data**, Cook, J (Astun Technology)
- 1440 - 1500 **Presenting the past: A case study of innovation opportunities for knowledge dissemination to the general public through pervasive technology**, Butterworth, C (Lancaster University); Kershaw, D; Devine, J; Gallagher, J; Croft, J
- 1500 - 1520 **Digging the Crowd: the future of archaeological research in the digital and collaborative economy**, Wilkins, B (DigVentures); Westcott Wilkins, L
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Towards a Common Ground: Digital Data and Community Engagement in Turkey**, Öz, B (Middle East Technical University)
- 1620 - 1640 **The Qatar National Historic Environment Record 2009-2015, A model for Digital Heritage Management**, Cuttler, R (University of Birmingham); Spencer, P; Al Naimi, F
- 1640 - 1700 **A new online platform for archaeological and cultural heritage dissemination and discussion**, Schiavottiello, N (Universidade de Evora); Nawed, S
- 1700 - 1800 **Discussion**

Poster

On a SURE Footing: The National Trust for Scotland Sites and Monuments Record, Sagrott, S (National Trust for Scotland); Rhodes, D

CA8 COMMUNICATION AS COLLABORATION: DIGITAL METHODS, EXPERIENCES AND VALUE

BOYD ORR - LECTURE THEATRE A

Chair: Dr. Chiara Bonacchi / **Organiser(s):** Dr. Chiara Bonacchi, Dr. Bodil Petersson

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Co-producing Research Data and Knowledge with MicroPasts**, Bonacchi, C (University College London)
- 0830 - 0850 **Harnessing the Crowd for Bronze Age Research at the British Museum & Beyond**, Wexler, J (British Museum); Wilkin, N
- 0850 - 0910 **The Archaeological Map of the Czech Republic. A System for Data Acquisition, Management and Presentation**, Langova, M (Institute of Archaeology ASCR, Prague, v.v.i.); Hasil, J; Kuna, M; Novák, D
- 0910 - 0930 **Creating ambassadors. Culture for children-projects and crowdfunding: case studies from Sandby borg, Sweden**, Papehli-Dufay, L (Kalmar County Museum); Söderström, U
- 0930 - 0950 **Who actually profits from web-based crowdsourcing and crowdfunding in archaeology? A critique of the short and long-term impacts of crowdwork**, Perry, S (University of York)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The Pararchive Project: collaborative co-design and community digital heritage**, Duffy, P (Brandanii Archaeology and Heritage)
- 1050 - 1110 **Contract Archaeology and Communication through Social Media: Experiences from the Excavations in Motala, Sweden, 1999-2013**, Gruber, G (National Historical Museums, Sweden); Arnberg, A
- 1110 - 1130 **Unintended collaborations: interpreting archaeology on social media**, Zuanni, C (University of Manchester)
- 1130 - 1150 **Experiences in Community Co creation of the Virtual St Kilda Exhibition**, Miller, A (University of St Andrews); McCaffery, J
- 1150 - 1210 **The Mobile App as Time Machine - Heritage Students and Storytelling**, Petersson, B (Linnaeus University); Rundkvist, M
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **The Kivik Grave, Virtual Bodies in Ritual Procession - Towards new interactive artistic experiences for actors and interpreters of the past**, Ljungar-Chapelon, M (Lund University)

- 1350 - 1410 **3D visualization, community collaboration and the production of social value: the ACCORD Project**, Jones, S (University of Manchester); Jeffrey, S; Maxwell, M; Hale, A
- 1410 - 1430 **"Garibaldi is dead!" or the story of how Italy is emerging from the XIX century**, Paterlini, A (The American University of Rome); Galiano, A
- 1430 - 1530 **Discussion**

CC1 CELTIC ARTS IN CONTEXT. CONNECTING OBJECTS, FUNCTIONS AND PEOPLE

BOYD ORR - LECTURE THEATRE B

Chair: Miss. Gadea Cabanillas de la Torre / **Organiser(s):** Miss. Gadea Cabanillas de la Torre, Dr. Jennifer M. Bagley, Dr. Petra Goláňová, Dr. Courtney Nimura

- 0800 - 0810 **Introduction**
- 0810 - 0830 **The origin of the term 'Celtic Art'**, Collis, J (University of Sheffield (retired))
- 0830 - 0850 **Iron Age Art in Life: The role of animal depictions in Dolenjska Hallstatt society**, Frie, A (University of Wisconsin-Milwaukee)
- 0850 - 0910 **Making Animals in Northern Europe: zoomorphic image, social structure, and identities**, Morrison, W (University of Oxford)
- 0910 - 0930 **Imagery on Celtic coins as a reflection of social and political disorder: the evidence from Armorica**, de Jersey, P (Guernsey Museum)
- 0930 - 0950 **Icenian coinage and its imagery**, Talbot, J (Oxford University)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Art, animism and power**, Gosden, C (University of Oxford); Nimura, C; Hommel, P
- 1050 - 1110 **'Novelty and innovation': What motivated the designers of Early Celtic Art?**, Chittock, H (University of Southampton/ British Museum)
- 1110 - 1130 **When is a copy not a copy? Questioning the usefulness of identifying 'originals' and 'copies' in studies of Celtic Art**, Joy, J (Museum of Archaeology & Anthropology, University of Cambridge)
- 1130 - 1150 **The Untold Tale – Assessing Meaning in Early Celtic Art**, Wendling, H (Salzburg Museum / Keltenmuseum Hallein)
- 1150 - 1230 **Discussion**

Posters

The idea of a soul and the genesis of the La Tène culture art, Gralak, T (Institute of Archaeology of Wrocław University)

Druids, masks and hermaphrodites. La Tène bronze figurines from southern Pannonia, Drnić, I (Archaeological Museum in Zagreb)

The High Crosses of Iona and Kildalton - Melting Pot of and Contributors to "Late Celtic" Art, Hanauska, P (Archaeology)

Imagining Dragons. Status and Identity Markers in the Late Iron Age Carpathian Basin. The Case of the Zoomorphic Ring Bronze Brooches, Georgescu, A („Babeş-Bolyai" University of Cluj Napoca)

Human faces in early Celtic art, Hess, M (IAW Freiburg)

The Early Latène Hill-fort in Horné Orešany, Pieta, K (Institute of Archaeology, Slovak Academy of Sciences)

CC2 CELTIC CONNECTIONS

BOYD ORR - ROOM 709

Chair: Prof. Ian Ralston / **Organiser:** Prof. Ian Ralston

0800 - 0810 **Introduction**

0810 - 0830 **The Late LaTène-Settlement at Bruckneudorf/Burgenland (Eastern Austria)**, Schwenzer, G (University of Vienna)

0830 - 0850 **'Celtic Combats' in Europe Iron Age: Archaeological Data, Literature, History and Ethnography**, Moya-Maleno, P (Universidad Complutense of Madrid)

0850 - 0910 **The elegance of death between North and South of the Alps: amber and coral from Tenero-Contra (TI-CH), Middle La Tène burials**, Del Fattore, F (Matrix 96 Soc. Coop.)

0910 - 0930 **The western and southern parts of the Baltic Sea Region under different La Tène culture influences: the case of metal scabbards of double-edged swords**, Harasim, P (Institute of Archaeology, University of Rzeszów)

0930 - 1000 **Discussion**

Coffee break

1030 - 1050 **The Celts as the result of Atlantic connections at the end**

- of Prehistory: an analysis of thirty five years of proposals**,
Latorre, J (University of Oxford)
- 1050 - 1110 **Crossing into the Circle: Rathes, Fairies, and Liminality in Irish Archaeology**, Shaffer Foster, J (Medaille College)
- 1110 - 1130 **The Early Medieval Atlantic connections of Galicia. An interdisciplinary approach**, Sánchez-Pardo, J (University of Santiago de Compostela)
- 1130 - 1150 **Is the origin of the Scottish broch part of 'Celtic connections'?**,
MacKie, E (Dept. of Archaeology, University of Glasgow)
- 1150 - 1230 **Discussion**

CC3 GOING UNDERGROUND: THE ARCHAEOLOGY OF SOUTERRAINS IN SCOTLAND, IRELAND, CORNWALL AND BRITTANY

KELVIN BUILDING - ROOM 222

Chair: Mr. Derek Alexander / **Organiser(s):** Mr. Derek Alexander, Mr. Richard Strachan, Niall Roycroft

- 1330 - 1340 **Introduction**
- 1340 - 1400 **New light at the end of an old tunnel**, Strachan, R (Historic Scotland)
- 1400 - 1420 **New data on souterrains of the Armorican peninsula : structures for storage or more complex functions? Presentation of the first results of organic analyses of contents**, Cherel, A (INRAP); Garnier, N
- 1420 - 1440 **Underground, overground, waffling free? - the last 50 years of Scottish souterrain research**, Alexander, D (The National Trust for Scotland)
- 1440 - 1500 **Deep Histories, a Tale of Two Orcadian Souterrains**, Carruthers, M (Archaeology Institute: University of the Highlands & Islands)
- 1500 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Gallo-Roman intrusions into Breton souterrains**, Perschke, R (Museum Lichtenberg)
- 1620 - 1640 **Stretching the Souterrain: longevity of use and reuse in five locations**, Dingwall, K (Headland Archaeology Ltd)
- 1640 - 1700 **Living souterrains from Ireland's National Roads Programme**, Roycroft, N (National Roads Authority, Ireland)
- 1700 - 1720 **A Materiality of Souterrains: exploring use, function and**

- ritual, Murtagh, P (Independent Researcher)
- 1720 - 1740 **Tunnels across the Channel : new research on Iron Age souterrains in Brittany and Normandy (France)**, Bossard, S (LARA - UMR 6566 CReAAH); Cabanillas de la Torre, G
- 1740 - 1800 **Discussion**

CC5 PREHISTORIC ARCHAEOLOGY AND LANDSCAPES OF THE CONTINENTAL SHELF

JOHN MCINTYRE - ROOM 208

Chair: Dr. Richard Bates / **Organiser(s):** Dr. Richard Bates, Prof. Geoff Bailey, Ms. Caroline Wickham Jones, Prof. Vincent Gaffney, Prof. Birgitte Skar, Gary Momber

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Patterns and process in Holocene flooding: understanding change across the transgressive surface**, Bates, M (university of wales trinity saint david)
- 0830 - 0850 **Investigating the White Ribbon: Developing source-to-sea palaeogeographies for early prehistory**, Bicket, A (Wessex Archaeology, Coastal & Marine); Tizzard, L
- 0850 - 0910 **Progress in Pleistocene palaeolandscapes of NW Europe**, Tizzard, L (Wessex Archaeology); Bicket, A
- 0910 - 0930 **From Coast to Coast: carrying out investigations of submerged forests across Orkney, the Severn Estuary and the Pett Level, Sussex**, Timpany, S (Archaeology Insititute UHI)
- 0930 - 0950 **Mesolithic adaptation to a new Europe**, Momber, G (Maritime Archaeology Trust)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Efficiency of acoustic techniques for the archaeological prospection in subtidal and intertidal areas in the southern North Sea**, Missiaen, T (Ghent University)
- 1050 - 1110 **Reconstructing the submerged landscape of Orkney**, Bates, R (University of St Andrews); Bates, M; Wickham Jones, C; Dawson, S
- 1110 - 1130 **The Barrow Island Archaeology project**, Paterson, A (Archaeology, University of Western Australia); Veth, P
- 1130 - 1150 **Bathymetry, coastlines and endorheic basins: piecing together marine transgression in the Arabian/Persian Gulf**, Cuttler, R (University of Birmingham); Spencer, P
- 1150 - 1210 **Could folk stories encode memories of coastal inundation**

from millennia ago?, Kavanagh, E (University of Wales Trinity Saint David); Nunn, P

1210 - 1230

Discussion

Poster

Integrated geophysical and geotechnical approach for archaeological prospection of buried prehistoric landscapes in wetland areas (Scheldt polders, Belgium), Verhegge, J (Ghent University); Missiaen, T

LV22 SCIENTIFIC TECHNIQUES TO EXAMINE HUMAN INTERACTION WITH WOODLANDS

GREGORY BUILDING - LECTURE THEATRE (109)

Chair: Dr. Lorna O'Donnell / **Organiser(s):** Dr. Lorna O'Donnell, Scott Timpany

0800 - 0810

Introduction

0810 - 0830

Evergreens in Wiltshire: a early prehistory, Campbell, G (Historic England (English Heritage)); Marshall, P

0830 - 0850

Deforestation and agency in the Western Isles of Scotland, Bishop, R (University of Durham); Church, M; Lawson, I; Roucoux, K

0850 - 0910

Local woodland conservation in Norse landscapes of settlement, Tisdall, E (University of Stirling); Simpson, I

0910 - 0930

Picts and pollen: investigating land use in north east Scotland, McHardie, L (University of Aberdeen)

0930 - 0950

The power of the pyre - a holistic study of cremation, O'Donnell, L (University College Dublin)

0950 - 1000

Discussion

Coffee break

1030 - 1050

Charcoal, What Is It Good For? Absolutely Everything?, Timpany, S (Archaeology Insitute UHI)

1050 - 1110

How many trees does it take to make a woodland? Historic woodland landscapes in Worcestershire, England, Richer, S (Worcestershire Archive and Archaeology Service)

1110 - 1130

Seeing the woods for the trees: recent advances in the reconstruction of woodland in archaeological landscapes from pollen data, Bunting, M (University of Hull); Farrell, M

1130 - 1150

A palaeoenvironmental investigation of two prehistoric burnt mound sites in Northern Ireland, Mighall, T (University of Aberdeen); Wheeler, J; Timpany, S

1150 - 1230

Discussion

Lunch

- 1330 - 1350 **Source of Livelihood and so much more: Woodlands of Finland in the Past**, Mustonen, R (Metsähallitus)
- 1350 - 1410 **Identifying driftwood in the medieval North Atlantic**, Mooney, D (University of Iceland)
- 1410 - 1430 **Utilisation of Woodlands in the Past: Can we prove management in archaeological wood assemblages?**, Vermeeren, C (Biax Consult); Hänninen, K; Holm Larsen, J; Out, W
- 1430 - 1450 **New insights into wood use and resource from early medieval kilns in Ireland (400-1100 AD): Interpretation and analysis using archaeological wood charcoal**, Lyons, S (University College Cork).
- 1450 - 1530 **Discussion**

LV23 SELLOUT OF OUR PAST: DIFFERENT STRATEGIES OF HOW TO DEAL WITH ILLICIT TRAFFICKING OF EUROPEAN

MATHEMATICS BUILDING - ROOM 214

Chair: Dr. Marianne Mödlinger / **Organiser(s):** Dr. Marianne Mödlinger, Dr. Morten Hegewisch, Mrs. Heidrun Voigt

0800 - 1000

Roundtable Discussants:

Sold, Collected and Hidden: The Buying and Selling of Human Remains, Gill-Frerking, H (NTK Services); Frerking, C

France, the other countries of the archaeological looting, Desforges, J (Association Halte au Pillage du Patrimoine Archéologique et Historique)

LV29 WHERE IS CULTURAL HERITAGE IN INSPIRE?

MATHEMATICS BUILDING - ROOM 214

Chair: Mr. Peter McKeague / **Organiser(s):** Mr. Peter McKeague, Dr. Stefano Campana

1030 - 1230

Roundtables Contributors:

Where is Cultural Heritage in INSPIRE?, McKeague, P (Royal Commission on the Ancient and Historical Monuments of Scotland); Campana, S

Bridging the GAPP: The Gas and Preservation Partnership Nationwide Heritage Resources Inventory, Grenda, D (Statistical Research, Inc.); Ciolek-Torello, R; Heilen, M; Werkheiser, M

IDEARQ: A Cultural Heritage SDI for archaeological research data in the Iberian Peninsula, Fernández Freire, C (Spanish National Research Council); Uriarte González, A; Gutiérrez González, R; Vicent García, J

Using Spatial Data Infrastructures (SDI) within the archaeology and associated disciplines, Corns, A (The Discovery Programme); Shaw, R

Sharing Historical Spatial Data for Built Environment Analyses, Vis, B (University of Kent)

LV6 CREATIVE ARCHAEOLOGIES: EMERGING THEORY AND PRACTICE FROM ART / ARCHAEOLOGY INTERACTIONS

KELVIN BUILDING - ROOM 312

Chair: Ms. Antonia Thomas / **Organiser(s):** Ms. Antonia Thomas, Mr. Daniel Lee, Dr. Carolyn White, Dr. Ursula Frederick

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Cutting free and letting loose: the challenge of creative archaeologies**, Thomas, A (Archaeology Institute, UHI)
- 0830 - 0850 **But how to Describe it? Examples from a Creative Archaeologist**, Finn, C (Independent Scholar/FSA)
- 0850 - 0910 **Long Exposures: time, place and play in art/archaeology practices**, Frederick, U (University of Sydney)
- 0910 - 0930 **Buildings archaeology without the recording**, Dixon, J (Museum of London Archaeology)
- 0930 - 0950 **Studying Artist Studios in Berlin: Art and Archaeology, Collaboratively**, White, C (University of Nevada Reno)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Site/Seal/Gesture**, Griffiths, R (RHUL); Wei, L
- 1050 - 1110 **eScape - collaborations and experimentation**, Bangsbo Dissing, N (Art Council - Municipality of Skanderborg); Høst-Madsen, L; Purup, M
- 1110 - 1130 **Wilder Being: Creative practice in the littoral zone**, Downes, J (University of the Highlands and Islands); Bevan, A

- 1130 - 1150 **In The Flow Of Time We Are But A Moment...**, MacGregor, G (Northlight Heritage)
- 1150 - 1210 **Experiments in time, space and performance: creative archaeologies in practice**, Lee, D (University of the Highlands and Islands)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Performing Stories: The Things We Carry**, Manninen, S (Birkbeck, University of London)
- 1350 - 1410 **We Follow Lines**, Pálsson, G (Umea University); Pálsson, G; Aldred, O
- 1410 - 1430 **Art / Archaeology: creation through disarticulation**, Bailey, D (San Francisco State University)
- 1430 - 1530 **Discussion**

RI10 FARMING FRONTIERS

MATHEMATICS BUILDING - ROOM 325

Chair: Dr. David Clive Orton / **Organiser(s):** Dr. David Clive Orton, Prof. Daan Raemaekers

- 0800 - 0810 **Introduction**
- 0810 - 0830 **A permeable frontier. Pioneer agency and the long-term transition to agriculture in the Lower Rhine area wetlands**, Amkreutz, L (National Museum of Antiquities)
- 0830 - 0850 **You are what you eat. The correlation between the introduction of cereal consumption and ceramic characteristics in the Swifterbant culture (the Netherlands; c. 4300-4000 cal. BC)**, Raemaekers, D (University of Groningen - Groningen Institute of Archaeology)
- 0850 - 0910 **Neolithic farming in Dutch and German border zones**, Out, W (Graduate School 'Human Development in Landscapes' /Institute for Pre- and Protohistoric Archaeology, Kiel University); Klooss, S; Schepers, M; Kirleis, W
- 0910 - 0930 **The beginning and development of Neolithic farming in the southwestern Baltic region in the light of archaeobotanical and palaeoecological investigations**, Klooss, S (Institute of Pre- and Protohistoric Archaeology of Kiel University); Fischer, E; Feeser, I; Dörfler, W; Kirleis, W
- 0930 - 0950 **The Seeds of Change in the Eastern Woodlands of North America**, Carmody, S (University of Tennessee, Knoxville);

- Hollenbach, K
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The emergence of animal husbandry at two frontiers of European Neolithic: the Dutch Delta and Western Turkey in comparative perspective**, Çakırlar, C (Groningen University)
- 1050 - 1110 **Can the processed bones help reconfigure identities? The example of the Balkan Neolithic**, Margarit, M (Valahia University of Targoviste)
- 1110 - 1130 **Between the Danube and the deep blue sea: contrasts and connections at the interface between coastal and continental Neolithics in the western Balkans**, Orton, D (University of York, Department of Archaeology)
- 1130 - 1150 **Farming frontier models in Europe: a typology and assessment**, Brami, M (Austrian Academy of Sciences, OREA Institute for Oriental and European Archaeology)
- 1150 - 1230 **Discussion**

RI11 GOOD FENCES MAKE GOOD NEIGHBOURS? BOUNDARIES WITHIN LANDSCAPES AND SETTLEMENTS AS EVIDENCE OF SHARED IDENTITY

JOSEPH BLACK - ROOM 407

Chair: Mr. Brian Durham / **Organiser(s):** Mr. Brian Durham, Dr. Sabrina Pietrobono, Dr. Niels Algreen. Møller

- 1330 - 1340 **Introduction: the concept of 'neighbourliness', Brian Durham**
- 1340 - 1400 **Social space organisation during the Talaiotic period in Mallorca**, Gelabert Oliver, M (Graduate School 'Human Development in Landscapes' (Kiel University))
- 1400 - 1420 **Negotiating social space in Danish Iron Age settlements**, Møller, N (Sydvestjyskemuseer.dk)
- 1420 - 1440 **Beyond hierarchy: landscapes of collective governance and identity**, Oosthuizen, S (University of Cambridge)
- 1440 - 1500 **Medieval boundaries in shaping local identities: a comparison between Italy and the UK**, Pietrobono, S (Former Marie Curie Fellow)
- 1500 - 1520 **Neighbourliness: an archaeological approach to urban bonding**, Durham, B (University of Oxford)
- 1520 - 1530 **Discussion: Neighbourliness versus hierarchy in an archaeological landscape**

RI12 GRAVE DISTURBANCES: THE SECONDARY MANIPULATION OF BURIALS

JAMES WATT SOUTH - ROOM 355

Chair: Dr. Nils Müller-Scheeßel / **Organiser(s):** Dr. Nils Müller-Scheeßel, Matej Ruttkay

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Introduction to “Grave disturbances”: Recent approaches towards the reopening of burials**, Müller-Scheeßel, N (Römisch-Germanische Kommission); Ruttkay, M
- 1400 - 1420 **Microtaphonomy in context**, Aspöck, E (OREA Austrian Academy of Sciences)
- 1420 - 1440 **Reopenings of Early Bronze Age burials at Fidvár near Vrábľe/ Southwest Slovakia: Evidence from recent excavations**, Müller-Scheeßel, N (Römisch-Germanische Kommission); Rassmann, K; Bátorá, J; Reiter, S
- 1440 - 1500 **Body Manipulations in the Eneolithic Cemetery from Sultana-Malu Rosu (Romania)**, Lazar, C (National History Museum of Romania); Theodor, I; Vasile, O; Ionela, C
- 1500 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Disturbing the Dead – Re-opening of Stone Cists in Macedonian Early Iron Age**, Heilmann, D (LMU München)
- 1620 - 1640 **Iron Age Ancestral Bonds: Secondary Burials and Manipulated Graves at the Dürrnberg Cemeteries (Austria)**, Wendling, H (Salzburg Museum / Keltenmuseum Hallein)
- 1640 - 1700 **Grave reopening in early medieval Europe: new research perspectives**, Klevnäs, A (Stockholm University)
- 1700 - 1720 **Reuse of graves and bones manipulations in early medieval South west of France**, Gleize, Y (Inrap - UMR 5199 University of Bordeaux)
- 1720 - 1740 **Stopping the Walking Dead? - Rethinking Empty Graves and Secondary Burials in Early Medieval (c.800-1300 AD) inhumation cemeteries of Finland**, Moilanen, U (University of Turku)
- 1740 - 1800 **Discussion**

Poster

A case of a secondary manipulation of human and animal bones from Sultana-Malu Rosu cemetery (Romania), Balasescu, A (National Museum of Romanian History); Lazar, C; Vasile, G

RI21 NEWCOMERS TO THE GRAVE: APPROPRIATION OF PRE-EXISTING FUNERAL SPACES

ALEXANDER STONE BUILDING - ROOM 204

Chair: Miss. Caroline Laforest / **Organiser(s):** Miss. Caroline Laforest, Miss. Camilla Cecilie Wenn, Mr. Hallvard Rübner Indgjerd

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Newcomers to the Grave: Roman and Medieval Burials in Hierapolis of Phrygia (Turkey)**, Laforest, C (university of Bordeaux); Indgjerd, H; Wenn, C
- 0830 - 0850 **Change in burial customs during Early Iron Age in North Estonia - immigration, innovation or variation?**, Kivirüüt, A (University of Tartu)
- 0850 - 0910 **Archaeology of memory and funerary reuse in Sicily between Prehistoric and Classical times: the case study of Cozzo del Pantano (Siracusa)**, Tanasi, D (Arcadia University)
- 0910 - 0930 **The Scandinavian re-use of burial sites for accompanied burials in Scotland**, McLeod, S (University of Stirling)
- 0930 - 1000 **Discussion**

RI24 PHRYGIAN IDENTITIES, IDENTIFYING PHRYGIA

MATHEMATICS BUILDING - ROOM 417

Chair: Dr. Catherine Draycott / **Organiser(s):** Dr. Catherine Draycott, Ms. Yasemin Özarslan, Prof. Hakan Sivas

- 0800 - 0810 **Introduction**
- 0810 - 0830 **The Archaeological Implications of the "Phrygian Wanax"**, Öztürk, H (University of Cincinnati / ASCSA)
- 0830 - 0850 **Phrygians vs. Neo-Hittites: reconsidering the political history of Central Anatolia in the Middle Iron Age**, d'Alfonso, L (ISAW New York University)
- 0850 - 0910 **Kingdom, Empire or Polity? Reassessing the nature of political authority in the Early-Middle Iron Age of central Anatolia**, Krsmanovic, D (University of Leicester)
- 0910 - 0930 **Phrygian or Phrygianized: A View from Kerkenes Dağ, a late Phrygian Capital East of the Halys River**, Summers, G (University of Mauritius)
- 0930 - 0950 **A New Rock-cut Necropolis from Western Phrygia (Demirkaya Necropolis)**, Sivas, H (Anadolu University)

- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The practice of everyday's identity in Roman Phrygia**, Kelp, U (German Archaeological Institute)
- 1050 - 1110 **The Findings of Aizanoi Graves and Interpreting**, Özer, E (Pamukkale University); Özer, A
- 1110 - 1130 **Two Sanctuaries from Aizanoi in Phrygia: Meter Steuene and Aba Sultan**, Taşkıran, M (Pamukkale University); Özer, E
- 1130 - 1230 **Discussion**

RI25 RECONFIGURING IDENTITIES: MONUMENTS AND MATERIALS

MATHEMATICS BUILDING - ROOM 417

Chair: Dr. Jeremy Hayne / **Organiser(s):** Dr. Jeremy Hayne

- 1330 - 1340 **Introduction**
- 1340 - 1400 **A Turn Towards Mesolithic on the Lakeshores of Bronze Age Finland?**, Saipio, J (University of Helsinki)
- 1400 - 1420 **The changing role of the Boyne Valley in the formation of group Identities c.3000-2000 BC**, McVeigh, T (National University of Ireland Galway)
- 1420 - 1440 **Unravelling Minoan Social Realities**, Papanikolaou, I (Independent Researcher, Alumna University of Glasgow)
- 1440 - 1500 **Cultural transformations: the later history of a Bronze Age Nuraghe and its inhabitants**, Hayne, J (Independent Researcher); Madrigali, E; Vendrell Betí, A
- 1500 - 1520 **Reviving Antiquities: Roman objects and identity in early Anglo-Saxon England**, Werthmann, I (Durham University)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Greater Poland in Middle Ages - society and dynasty in the context of the origin and ethnicity**, Burmistrz, A (Adam Mickiewicz University in Poznań)
- 1620 - 1640 **The Home Network: Identity and Materiality in Early Modern and Modern Ulster**, Whalen, K (University at Buffalo)
- 1640 - 1700 **Nodes and Modes of Identity in Early Modern Ireland: Material Culture & Cultural Entanglements in 17th century Carrickfergus**, Tracey, R (Queen's University Belfast)
- 1700 - 1720 **Giants of the Clyde: how memory and cultural identity can be**

embodied in post-industrial landscapes, Conlon, M (University of Strathclyde)

1720 - 1800 **Discussion**

Posters

Gromnik – Castle of Silesian knights of the fifteenth century (SW Poland), Jaworski, K (University of Wrocław, Institute of Archaeology); Pankiewicz, A; Lisowska, E

Inter-group connectedness in the Early Bronze Age - Southwest Norway, Austvoll, K (University of Oslo, Department of Archaeology, Conservation and History)

Indigenous and Romans in the Portuguese territory - influences and changes in religious practices, Ferreira, D (Complutense University of Madrid)

RI29 THE ARCHAEOLOGY OF CONFINEMENT

JOSEPH BLACK - ROOM 504

Chair: Dr. Iain Banks / **Organiser(s):** Dr. Iain Banks, Prof. Marek E. Jasinski

1330 - 1340 **Introduction**

1340 - 1400 **The Archaeology of Confinement: From Both Sides of the Barbed Wire Fences. Comparative Studies of German WWII POW Camps in Norway and Texas, USA**, Jasinski, M (Department of Historical Studies, NTNU Norwegian University of Science and Technology)

1400 - 1420 **A Temporary Town during the First World War: Knockaloe Internment Camp, Isle of Man**, Mytum, H (University of Liverpool)

1420 - 1440 **“No more life...”: Confinement, Oppression and Resistance at Treblinka Extermination and Labour Camps**, Sturdy Colls, C (Staffordshire University)

1440 - 1500 **Liberating the Lock-Up: Excavations at New Bailey Prison, Salford, Greater Manchester**, Reader, R (University of Salford)

1500 - 1520 **Conducting contemporary archaeologies of political imprisonment: lessons learnt and future directions at Long Kesh/Maze**, McAtackney, L (University College Dublin)

1520 - 1530 **Discussion**

Coffee break

1600 - 1620 **Lager Wick and the architecture of forced labour in the Channel Islands**, Carr, G (University of Cambridge)

1620 - 1640 **Guests of His Majesty, Guests of the Luftwaffe: Comparing**

- 1640 - 1700 **Camp 21 and Stalag Luft III**, Banks, I (University of Glasgow)
- 1700 - 1720 **Colonial Incarceration in Nineteenth-Century Malta**, Palmer, R (Ghent University)
- 1720 - 1800 **Medicine, buildings, and archaeology: towards a methodology for institution-specific archaeology**, Newman, C (English Heritage); Newman, C; Fennelly, K
- 1720 - 1800 **Discussion**

Poster

Light and darkness in Edwardian colony asylums of Scotland and Ireland, Allmond, G (Queen's University Belfast)

RI3 BEYOND THE TECHNOLOGICAL CHAIN. POTTERS IN SOCIAL NETWORKS

JAMES WATT SOUTH 354

Chair: Dr. Petr Kvetina / **Organiser(s):** Dr. Petr Kvetina, Dr. Louise Gomart, Dr. Richard Ther, Miss Klara

- 0800 - 0810 **Introduction**
- 0810 - 0830 **The cave below and the rocks above: petrographic analysis in context, at the ritual site of High Pasture Cave, Isle of Skye, Scotland**, McKenzie, J (University of Bradford); MacSween, A; Birch, S
- 0830 - 0850 **Potters and their local networks during the Late Urnfields (Hallstatt B): an overview of ceramic production in the Kaiserstuhl micro-region (Germany)**, Braun, D (Albert-Ludwigs-Universität Freiburg, Institut für Archäologische Wissenschaften, Abteilung für Urgeschichtliche Archäologie); Philippe, M
- 0850 - 0910 **Identifying gender-based roles in Nubian A-Group society through integrated mortuary and pottery technology studies**, Gait, J (British School at Athens)
- 0910 - 0930 **Identifying manufacturing sequences through the mineralogical analysis of prehistoric pottery: the example of the Cantabrian region (North of Spain)**, Cubas, M (Sociedad de Ciencias Aranzadi)
- 0930 - 0950 **Ceramic production and village history: a case study on the early Neolithic settlement of Cuiry-lès-Chaudardes (Picardie, France)**, Gomart, L (Maison René Ginouvès, UMR Trajectoires); Ilett, M

- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Import or imitation? Raw material diversity as an indicator of provenance for pottery found at LBK settlements in Lesser Poland**, Michalak, K (University of Gdansk)
- 1050 - 1110 **Potter's wheel and organization of pottery production in the Late Iron Age in Central Europe**, Ther, R (University of Hradec Kralove); Mangel, T
- 1110 - 1130 **Ceramic collection of pile-dwelling Serteya II: cultural features versus masters' work**, Dolbunova, E (The State Hermitage museum); Mazurkevich, A
- 1130 - 1150 **Bronze Age potters and branching process of apprenticeship networks**, Manem, S (CNRS)
- 1150 - 1210 **Technical variability and social diversity: exploring pottery making at the Blicquy/Villeneuve-Saint-Germain site of Vaux-et-Borset. (Central Belgium, 4950 to 4650 cal BC)**, van Doosselaere, B (University of Namur-LIATEC/ University Paris 1 - Trajectoires UMR8215); Burnez-Lanotte, L
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **And the pots they are a changin' - Pottery technology and style from LBK to SBK. A case study from Eythra/ Saxony (Germany)**, Mecking, O (Thuringian State Office for the Preservation of Historical Monuments and Archaeology Weimar); Hohle, I; Wolfram, S
- 1350 - 1410 **Capturing technological variability: a case of the Neolithic settlement at Bylany (Czech Republic)**, Neumannova, K (Institute of Archaeology CAS, Prague); Ther, R; Kvetina, P
- 1410 - 1430 **Early Neolithic potters on the Italian middle Adriatic region**, La Marca, C (Sapienza University of Rome); Eramo, G; Muntoni, I; Conati Barbaro, C
- 1430 - 1450 **Multi-Relational Networks across Southern Appalachia, A.D. 700-1300: A Community Perspective**, Lulewicz, J (University of Georgia)
- 1450 - 1510 **Continuity and change in pottery technology. From Early to Middle Eneolithic at Sultana, Southeast Romania**, Vasile, O (Bucharest Municipality Museum); Theodor, I; Catalin, L
- 1510 - 1530 **Changes in pottery production. A case study from the Kodjadermen- Gumelnița-Karanovo VI eneolithic settlement at Sultana-Malu Roșu, South-East Romania**, Theodor Aurelian, I (City Museum of Bucharest); Vasile, O; Catalin, L

Coffee break

- 1600 - 1620 **Practice, Identity and Social Cohesion: Pottery Production in the Balearic Islands (1400-500 BC)**, Albero Santacreu, D (University of the Balearic Islands)
- 1620 - 1640 **Ceramic raw materials choice: convenience or technological idea. A case study of Linear Band Pottery Culture (LbK) in the Carpathian region, Poland**, Rauba-Bukowska, A (Archeometria); Kadrow, S
- 1640 - 1700 **From sherds to potters. Contribution of techno-morphological approach to the understanding of Britain Neolithic**, Ard, V (CNRS, UMR 5608 Traces); Pioffet, H
- 1700 - 1720 **Usage of textiles in pottery forming techniques in the Early Neolithic of the Central Balkans: Experimentation or well-established routine?**, Vukovic, J (Department of Archaeology, Faculty of Philosophy, University of Belgrade)
- 1720 - 1800 **Discussion**

Posters

Technical and Technological Analysis of Volgo-Kamia Neolithic Pottery, Vybornov, A (Samara State Academy of Social Sciences and Humanities); Vasileva, I; Vybornova, N

Wheel-shaped early middle age pottery: technological perspective, Sekelj Ivančan, T (Institute of archaeology); Kudelić, A

A vessel assemblage of the 13th century from Heřmaň (Písek district, Czech Republic). A preliminary report, Pták, M (Department of Archaeology, University of South Bohemia)

Application of statistical methods for studying of the mass ceramic material from the excavations of the ancient Myrmekion, Kolosov, V (State Hermitage museum)

Studies on the Funnelbeaker-Westgroup: Pottery of Megalithic Graves, Menne, J (Christian-Albrechts-University Kiel)



RI34 URBAN IDENTITIES IN THE EARLY-MEDIEVAL OF TOWNS OF EUROPE: ARCHITECTURE, SOCIAL SPACE AND SENSE OF PLACE

GRAHAM KERR BUILDING 224

Chair: Prof. Dries Tys / **Organiser(s):** Prof. Dries Tys, Dr. Karen Milek, Dr. Volker Hilberg,

Dr. Dirk Rieger, Dr. Sven Kalmring

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Walking on the Edge: A Topography of Underground Economies throughout Late Antique and Early Medieval Ages (fifth-ninth century)**, Peresso, G (Università degli Studi Roma 3)
- 0830 - 0850 **Kaupang revisited: re-interpreting the built environment and use of space through micromorphological analysis**, Wouters, B (Vrije Universiteit Brussel & University of Aberdeen); Milek, K; Skre, D
- 0850 - 0910 **Making a Home: Considering Place and Space in Ireland's Viking Towns**, Boyd, R (Independent)
- 0910 - 0930 **Meet the plot dwellers. Use of space and sense of place in 8th century Ribe**, Croix, S (Sydvestjyske Museer / Aarhus University)
- 0930 - 0950 **Fragments of an urban life? - Backfills and waste as sources of information of 11th-12th century urbanity in Copenhagen**, Dahlström, H (Museum of Copenhagen)
- 0950 - 1000 **Discussion**
- Coffee Break**
- 1030 - 1050 **Living in a wic. Living in the wild. Really? A new light on the infrastructure, the fabric and the use of space around Quentovic (France)**, Verslype, L (CRAN Université catholique de Louvain); Cense, D; Oueslati, T; Routier, J; Duvaut-Saunier, A; Leroy, I
- 1050 - 1110 **Reassessing the Topography and Layout of 8. C. Ribe, Søvsø, M** (Sydvestjyske Museer)
- 1110 - 1130 **Exploring early urban Antwerp, 9th-11th century**, Bellens, T (City of Antwerp, Department of Archaeology); Schryvers, A; Tys, D
- 1130 - 1150 **Medieval Medemblik: a centre in the periphery of the Lowlands**, van Leeuwen, J (Archeologie West-Friesland)
- 1150 - 1230 **Discussion**
- Lunch**
- 1330 - 1340 **Introduction**
- 1340 - 1400 **Shifting the focus: from ringfort to town on the island of Walcheren (Netherlands)**, Deckers, P (Vrije Universiteit Brussel)
- 1400 - 1420 **Liubice - Old Lübeck - Lübeck. The shifting of an urban idea?**, Rieger, D (Archäologie Hansestadt Lübeck)
- 1420 - 1440 **Aalst (Flanders, Belgium): the pre-urban settlement and its urban formation in the 11th century**, De Groote, K (Flanders Heritage Agency)
- 1440 - 1500 **Hildesheim and Werla - The resource management of ottonian central places**, Blaich, M (Roemer- und Pelizaeus-Museum Hildesheim)

- 1500 - 1520 **Urbanisation processes in early medieval central Europe**, Herold, H (University of Exeter)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **The rise of urbanism in the East-Central Europe. The sacral and profane concept of the space within Early Mediaeval central places**, Machacek, J (Department of Archaeology and Museology, Masaryk University Brno); Milo, P
- 1620 - 1640 **The Case for Eastern Europe: An Inter-Regional Approach to Early Medieval Urbanity**, Thoeming, A (The University of Sydney)
- 1640 - 1700 **A New Look at Dark Age Europe: an Iberian view**, Donnelly, H (The University of Sydney)
- 1700 - 1800 **Discussion**



RI4 BORDER CULTURES: POTTERY AND THE SOCIAL DYNAMICS OF BORDER REGIONS IN MEDIEVAL EUROPE

JOSEPH BLACK - ROOM 408

Chair: Dr. Ben Jervis / **Organiser(s):** Dr. Ben Jervis, Dr. Jette Linaa, Moesgaard Allé 20

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Late Medieval and Post-Medieval Painted Pottery in Europe as a Phenomenon: Painted Pottery in Bohemia**, Blažková, G (Institute of Archaeology of AS, Prague, Czech Republic)
- 0830 - 0850 **At the edge of the Byzantine Empire: pottery from the 'Dark Ages' Peloponnese**, Valente, R (University of Edinburgh)
- 0850 - 0910 **Some results of the Historical-and-cultural analysis of ceramic material of the Ufa II – Medieval Urban Site of the Southern Transurals**, Shuteleva, I (Bashkir State Pedagogical University named after M.Akmulla, Laboratory of method and methodology of human research); Leonova, T; Shcherbakov, N; Kraeva, L
- 0910 - 0930 **More than meets the eye – new insights into a large pottery collection from Lödöse, a medieval town in western Sweden**, Jeffery, S (Lödöse Museum); Brorsson, T
- 0930 - 0950 **Crossing borders, meeting people. Preliminary considerations on ceramic and contacts in two of the largest immigrant cities in Early Modern Denmark**, Linaa, J (Moesgaard Museum)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Forming identities, transcending boundaries: the trade and**

- consumption of bearded face jugs in the North Sea region, 1200 – 1350**, Green, K (University of Sheffield)
- 1050 - 1110 **Pots from Ports: What is a Cosmopolitan Community?**, Jervis, B (Cardiff University)
- 1110 - 1130 **Production of pottery and brick objects from the second half of XIVth century in Tétheghem (North of France)**, Vincent, V (INRAP)
- 1130 - 1150 **Reconfiguring borders: new approaches to understanding ceramic exchange in the early medieval Atlantic**, Duggan, M (Newcastle University)
- 1150 - 1230 **Discussion**

RI7 CURRENT APPROACHES TO ARCHAEOLOGICAL JUVENILE BURIALS

BOYD ORR - LECTURE THEATRE 2

Chair: Dr. Eileen Murphy / **Organiser(s):** Dr. Eileen Murphy, Ms. Melie Le Roy

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Children in the Neolithic: from funerary context to socio cultural interpretation in France from 5700 to 2100 BC**, Le Roy, M (PACEA)
- 0830 - 0850 **Processed babies: Early Bronze Age infant burials from Bulgarian Thrace**, McSweeney, K (University of Edinburgh); Bacvarov, K
- 0850 - 0910 **“Missing infants”. Giving life to aspects of childhood in Mycenaean Greece via intramural burials**, Kostanti, K (Athens National Archaeological Museum)
- 0910 - 0930 **The mortuary practices outside funerary context for newborns in France in the late Middle Ages and the modern era**, Souquet-Leroy, I (INRAP)
- 0930 - 0950 **Burying Children and Infants at Kadruka 23: New Insights into Juvenile Identity and Disposal of the Dead in the Nubian Neolithic**, Maines, E (Université de Paris I - La Sorbonne); Sellier, P; Chambon, P; Langlois, O
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Late Chalcolithic juvenile remains and associated mortuary practices from Çamlıbel Tarlası in Central Anatolia**, Thomas, J (Indiana University); Schoop, U

- 1050 - 1110 **What it means to be young in Bronze Age Crete**, Calliauw, N (University of Leuven, Research Foundation - Flanders)
- 1110 - 1130 **The representation of the childhood in Iron Age cemeteries of Champagne**, Belard, C (ENS-EPHE)
- 1130 - 1150 **Burial practices of the Geto-Dacian children during the Second Iron Age – necropolises and sacred area of the field-of-pits type**, Sirbu, V (Muzeul Brailei; Institute of Archaeology Bucharest); Dăvîncă, D
- 1150 - 1210 **Perinatal Death and Cultural Buffering in a Neolithic Community: Case study of a neonatal individual from Çatalhöyük**, Tibbetts, B (University of Exeter)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Cherished though lost: individual and social identities in child burials at Basel-Gasfabrik, Switzerland**, Pichler, S (Integrative Prehistory and Archaeological Science, University of Basel); Rissanen, H; Knipper, C
- 1350 - 1410 **Out of the Cradle and Into the Grave: the children of Anglo-Saxon Great Chesterford, Essex**, Cave, C (Australian National University)
- 1410 - 1430 **From Merovingian to parish cemeteries: Age and gender in funerary practices of children in Early Middle Ages**, Perez, E (CNRS UMR 7264 : Cultures and Environments, Prehistory, Antiquity, Middle Ages)
- 1430 - 1450 **The earliest Christian children graves in Western Pomerania**, Romanowicz, P (Center for Medieval Archaeology of the Baltic-Region Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 1450 - 1510 **Unearthing medieval children: cultural and biological markers of status**, Dawson, H (University of Bristol)
- 1510 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Emotional Act, Superstition or Ritual? - Evidence from Child Burials in the Medieval Period**, Jark Jensen, J (Museum of Copenhagen)
- 1620 - 1640 **Childhood Identity in Medieval Ireland: Burial Practice at Ballyhanna, Co. Donegal**, Murphy, E (Queen's University Belfast)
- 1640 - 1700 **"Children in a ragged state": Seeking a bioarchaeological narrative of childhood in Ireland during the Great Famine (1845–52)**, Geber, J (University College Cork); Geber, J

1700 - 1800 **Discussion**

Posters

Juvenile burials from the site of "Njive" - Ivandol in Eastern Croatia, Mihaljevic, M (Municipal Museum of Nova Gradiska); Matkovic, M

Babies stored in vases: focus on a unique funerary practice, Recchia, J (Université Paul Valéry, Montpellier 3, UMR 5140)

An extraordinary early medieval and medieval children's burial place in northwestern Switzerland, Trancik Petitpierre, V (Institute of Forensic Medicine Dep. Physical Anthropology); Hafner, A; Lösch, S

Juvenile burials during past epidemics: examples from medieval and post-medieval Europe, Kacki, S (PACEA, UMR 5199, Anthropologie des Populations Passées et Présentes); Castex, D

Children's burials in the Eneolithic cemetery from Sultana-Malu Rosu (Romania). A case study, Lazar, C (National History Museum of Romania); Gabriel, V; Ionela, C; Mihai, F

Children of the Lithuanians špitoles in 17th c, Blaževičius, P (National Museum - Palace of the Grand Dukes of Lithuania)

SA1 (RE)WRITING THE PAST USING 'NOVEL' SCIENTIFIC TECHNIQUES

BOYD ORR - LECTURE THEATRE 1

Chair: Dr. Derek Hamilton / **Organiser(s):** Dr. Derek Hamilton, Dr. Krisztián Oross

0800 - 0810 **Introduction**

0810 - 0830 **Breaking Barriers or Avid Addiction? – Genetic Analysis in Archaeology Reviewed**, Leggett, S (The University of Sydney)

0830 - 0850 **Ancient human DNA and migrations in prehistoric Europe**, Haak, W (The University of Adelaide)

0850 - 0910 **The boom of archaeogenomics – New approaches in the research of the European Neolithisation**, Szécsényi-Nagy, A (HAS, Research Centre for the Humanities); Alt, K; Bánffy, E; Mende, B; Reich, D; Haak, W

0910 - 0930 **Pitted Ware – unexpected ancestry**, Malmström, H (Department of Evolutionary Biology, EBC, Uppsala University)

- 0930 - 0950 **Genetics and archaeology in a long-lasting friendship. The case of the Anglo-Saxon migration**, Conselvan, F (University of Vienna/ Institut für Mittelalter Forschung, Österreichische Akademie der Wissenschaft); Conselvan, F
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **How genetic analysis from animal remains can inform us about life in past societies**, Svensson, E (Dept of Evolutionary Biology EBC, Uppsala University)
- 1050 - 1110 **Final destination: pit. A multi disciplinary approach to identifying criteria of social selection in La Tène extended burial practices at Basel-Gasfabrik (Switzerland)**, Portmann, C (IPAS, University of Basel); Pichler, S
- 1110 - 1130 **Testing the scale of human mobility at the third millennium BC mega-site of Marroquíes Bajos (Jaén, Spain) through 87Sr/86Sr and $\delta^{18}O$ isotope analyses**, Díaz-Zorita Bonilla, M (University of Tübingen); Díaz del Río, P; Escudero, J; Beck, J; Escudero, J; Bocherens, H
- 1130 - 1150 **Dietary, environmental, medicinal and raw material evidence for plants from pre-agricultural contexts identified through chemical compounds and microfossils extracted from dental calculus**, Hardy, K (ICREA at Universitat Autònoma de Barcelona); Buckley, S; Radini, A
- 1150 - 1210 **The contribution of ancient protein analysis to archaeological reconstruction**, Cappellini, E (University of Copenhagen)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **The contribution of archaeometric studies on pottery to the understanding of social structures. A case-study from Calcholithic NE Romania**, Bodi, G (Romanian Academy, Iasi Branch, Institute of Archaeology, Project ID 0885); Oancea, A; Horoaba, A; Nica, V; Cotofanu, C; Olaru, M
- 1350 - 1410 **The elephant in the room: the application of non-destructive micro-methods in identifying animal raw material of small and eroded artefacts. Late Neolithic V-perforated buttons from Poland: a case study**, Winnicka, K (Institute of Archaeology, University of Wrocław)
- 1410 - 1430 **Fibres of early farmers: material choices in the selection of plant fibres in Neolithic Europe**, Harris, S (Institute of Archaeology, UCL); Haigh, S; Handley, A; Sampson, W
- 1430 - 1450 **The underlying truth: Analysis of the gold from the**

- Staffordshire Hoard using both XRF and SEM-EDX**, Blakelock, E (Birmingham Museum Trust)
- 1450 - 1510 **Shell ornaments biographies: a multi-disciplinary approach**, Demarchi, B (University of York); Andersen, S; Marin, F; Wilson, J; Penkman, K; O'Connor, S
- 1510 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Using stable isotopic analysis of Sphagnum moss as proxy data to inform or corroborate the Palaeo climate and environmental changes in a region**, Forrestal, C (Cotswold Archaeology)
- 1620 - 1640 **Exploring Palaeolithic environments In the Cantabrian region: A Multi-Proxy isotopic investigation**, Jones, J (Universidad de Cantabria); Jones, J
- 1640 - 1700 **Dating ancient field walls in karst landscapes using differential bedrock lowering**, Jones, C (National University of Ireland Galway)
- 1700 - 1720 **How Radiocarbon Dating has changed our Mind: The Hidden Face of the Funerary Megalithic Rituals in Southern Iberia**, Lozano Medina, A (Department of Prehistory and Archaeology (University of Granada, Spain); Aranda Jiménez, G
- 1720 - 1800 **Discussion**

Posters

Prehistoric human-environment interactions – are we getting the full picture?, Spencer, D (National University of Ireland Galway)

Biomolecular composition of cultural artefacts from the Nahal Hemar cave, Solazzo, C (Smithsonian Institution); Buckley, M; Connan, J; Barden, H; van Dongen, B; Courel, B

Ancient DNA from wild cereals of central Sahara archaeological sites (early-middle Holocene), Fornaciari, R (Università di Modena e Reggio Emilia)

Evolution of the Human Genome Though 1000 Years, Lundstrøm, I (Centre for GeoGenetics)

Proteomics and Metagenomics on a Population through time, Fotakis, A (Centre for GeoGenetics)

A scientific story about an EBA funerary context in Eastern Romania, Bolohan, N (Alexandru Ioan Cuza University of Iași); Rusu, I; Gorgan, L; Mățău, F

Proteomic profiling of dental calculus from Viking samples in Scandinavia, Jersie-Christensen, R (University of Copenhagen, NNF CPR); Fotakis, A; Cappellini, E

What's Inside Counts: Paleoradiology and non-invasive analysis of metal finds in Bronze age urns, Kalafatić, H (Institute of Archaeology); Čavka, M; Mihaljević, M

Did Bronze Age Britons Mummify Their Dead? Evidence from the histological analysis of ancient human bones, Booth, T (Natural History Museum)

Sweet chestnut (*Castanea sativa*) in Britain: when and whence was it introduced, and why? New genetic, palaeoenvironmental and historical evidence from the Forest of Dean region of England, Jarman, R (University of Gloucestershire); Chambers, F; Russell, K; Webb, J

aDNA analysis of human population from Eastern Romania: Identifying possible founding haplotypes and reconstructing population histories, Gorgan, D (Alexandru Ioan Cuza University, Faculty of Biology); Bolohan, N; Matau, F; Popescul, O; Ciorpac, M

Establishing an absolute chronological framework for the Mesolithic and Neolithic of south-western Poland, Dreczko, E (Institute of Archaeology, University of Wrocław, Poland); Furmanek, M; Masojć, M; Mozgała-Swacha, M

RHX Dating of Archeological Ceramics Via a New Method to Determine Effective Lifetime Temperature, Moinester, M (Tel Aviv University); Piasetzky, E; Braverman, M

Rewriting the past of the Biskupin type settlements, the site of Izdeбно 5, Poland, Kofel, D (Nicolaus Copernicus University)

The onset of agriculture in Early Neolithic Iberia (5500-3500 cal BC). Fresh research lines from summed probability radiocarbon distributions, Blanco-González, A (Department of Prehistory, University of Valladolid); Lillios, K; Drake, B

Micromorphological Insights of Deposits and Activities at Torre d'en Galmés, Menorca, Spain, Perez-Juez, A (Boston University); Goldberg, P

SA11 IDENTIFICATION AND INTERPRETATION OF PAST EPIDEMICS: FROM ARCHAEOLOGICAL EVIDENCE TO MULTIDISCIPLINARY ANALYSIS

KELVIN BUILDING - ROOM 222

Chair: Prof. Dominique Castex / **Organiser(s):** Prof. Dominique Castex, Prof. Pascal Sellier, Dr. Eline Schotsmans, Prof. Johannes Krause

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Surviving the plague for better or worse**, Ahlström Arcini, C (National Historical Museums, Contract Archaeology Service)
- 0830 - 0850 **Did the healthy die? A reappraisal of the relationship between health and mortality in time of plague**, Kacki, S (PACEA, UMR 5199, Anthropologie des Populations Passées et Présentes); Castex, D
- 0850 - 0910 **Genome analysis of *Yersinia pestis* from a 16th century mass burial site from Ellwangen, in Southwestern Germany**, Spyrou, M (University of Tuebingen); Krause, J; Bos, K
- 0910 - 0930 **A model of evolution and worldwide dissemination of tuberculosis**, Vagene, A (Max Planck Institute for the Science of Human History); Krause, J; Bos, K
- 0930 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Textile workers at risk? The impact of occupational behaviour on a small urban population in Belgium between 1200-1860 AD**, Van Cant, M (VUB/tUoS/FWO); Van Cant, M
- 1050 - 1110 **Is It Time to Abandon Attritional Mortality Profiles?**, Atkin, A (The University of Sheffield)
- 1110 - 1130 **Mortality Profiles and Probabilities of Death as Archaeological Evidence for Past Epidemics**, Sellier, P (CNRS)
- 1130 - 1150 **The use of lime as disinfectant during epidemics**, Schotsmans, E (University of Bordeaux); Kacki, S; Castex, D
- 1150 - 1230 **Discussion**

SA12 INTEGRATED APPROACHES TO SPATIAL ANALYSIS IN DOMESTIC AND INHABITED CONTEXTS

MATHEMATICS BUILDING - ROOM 515

Chair: Mrs. Hayley McParland / **Organiser(s):** Mrs. Hayley McParland, Dr. Robyn Inglis, Dr. Francesco Carrer, Carla Lancelotti

- 0820 - 0830 **Introduction**
- 0830 - 0850 **Geoarchaeological approach on PPNA site of Klimonas in Cyprus: micromorphological analysis of construction techniques and the use of space**, Mylona, P (Muséum National d'Histoire Naturelle- UMR 7209: Archéozoologie, Archéobotanique:

- sociétés, pratiques, environnements.); Wattez, J; Vigne, J
- 0850 - 0910 **Entry & Exit Strategies. Security and control systems at Middle Bronze Age industrial site of Erimi-Laonin tou Porakou (Cyprus)**, Bombardieri, L (Università di Torino - Dpt. Studi Umanistici); Amadio, M; Dolcetti, F
- 0910 - 0930 **An integrative approach to the study of Iron Age living surfaces at Ashkelon, Israel: the macro and microscopic archaeological records**, Toffolo, M (Institut für Naturwissenschaftliche Archäologie, Eberhard-Karls-Universität Tübingen)
- 0930 - 0950 **A Tale of Two Methods: Applying Phytolith and Geochemical analysis to study the use of space at ethnographic and Neolithic ephemeral sites in Jordan**, Vos, D (Bournemouth University); Jenkins, E; Palmer, C; Smith, H
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Integrating Microstratigraphy and Phytolith Analyses to Explore Middle Stone Age 'Hearths' from the Haua Fteah, Libya**, Inglis, R (University of York); Jones, S
- 1050 - 1110 **Trading Spaces? Understanding the use of space within structures through integrated phytolith, geochemical and archaeobotanical analyses**, McParland, H (University of York); Wynne-Jones, S; Sulas, F; Walshaw, S
- 1110 - 1130 **Hunter-Gatherers Use of Space in Tropical Environment: An Integrated Study Combining Social Anthropology, Ethnoarchaeology and Geoarchaeology**, Friesem, D (McDonald Institute for Archaeological Research, University of Cambridge); Lavi, N; Ajithprasad, P; Madella, M
- 1130 - 1150 **Where is my layer? Stratigraphic uncertainty in tropical contexts: predictive modeling with 3D kriging**, Lancelotti, C (CaSEs - Universitat Pompeu Fabra, Department of Humanities); Alcaina Mateos, J; Ruiz Perez, J
- 1150 - 1210 **A Day in the Life of Anasazi Farmers: Spatial Analysis of a Pueblo I Domestic Habitation Structure**, Scott Cummings, L (PaleoResearch Institute)
- 1210 - 1230 **Discussion**
- Lunch**
- 1400 - 1420 **Core chemistry: Integrating coring, geophysical, geochemical and artefact evidence to understand the use of space in a Viking Age trading settlement**, Cannell, R (Bournemouth University); Bill, J; Cheetham, P; Welham, K

- 1420 - 1440 **Investigating domestic architecture and use of space in Irish early medieval house types using archaeological, environmental, experimental and documentary evidence**, Reilly, E (University College Dublin); O'Sullivan, A; O'Neill, B
- 1440 - 1500 **A cross-disciplinary study of the spatial organisation of a 10,000 year old house from the Isle of Man**, Druce, D (Oxford Archaeology North)
- 1500 - 1520 **Early Mesolithic Lifeways at Flixton Island: Integrating scientific approaches to lithics and soils on ephemeral sites**, Rowley, C (University of York)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Transdisciplinarity and multiscale analysis serving recent research in Brittany (France) : example of the rural early medieval settlements of Châteaugiron**, Catteddu, I (INRAP)
- 1620 - 1640 **Geoarchaeology of Neolithic villages in France: an interdisciplinary approach to spatial analysis in earthen construction contexts**, Wattez, J (INRAP); Onfray, M; Peinetti, A; Paulmier, T
- 1640 - 1800 **Discussion**

Posters

Scattered Meanings, Brown, F (Oxford archaeology)

Geoarchaeological approach to rammadiyat: settlement dynamics and patterns of the Capsian site SHM-1 (Hergla-Tunisia), Wassel, E (UMR 7041, (ArScAn) - Archéologies environnementales, Equipe SOL, DMOS, Agroparistech); Simone, M

Spatial analysis of archaeobotanical data at the Iron Age hillfort of Castrolandín (Pontevedra, Spain): firewood, woodcrafts and crops, Martín-Seijo, M (University of Santiago de Compostela)

Interdisciplinary approach to soil occupation patterns in the southern Parisian Basin: the example of the Neolithic site of "Les Grands Noyers" in Gas (Eure-et-Loir, France), Onfray, M (Université Paris 1 - UMR 8215-Trajectoires); Noël, J

Inside or Outside? Geoarchaeological Portrayal of Ephemeral Dwellings at the Bronze Age Settlement of Solarolo (Italy), Peinetti, A (Archéologie des Sociétés Méditerranéennes, UMR 5140, Université Paul Valéry Montpellier; Labex Archimede; Alma Mater Studiorum - Università di Bologna); Wattez, J; Lefèvre, D; Cattani, M

Understanding the use of Neolithic buildings and activity areas in Jordan through

combined ethnographic, phytolith and geochemical investigation, Allcock, S (Bournemouth University); Palmer, C; Elliott, S; Grattan, J; Jenkins, E

Spatial Geoarchaeology at the Bronze Age Village of Mursia (Pantelleria, Italy): Activity Areas in a Polyfunctional Room, Peinetti, A (Archéologie des Sociétés Méditerranéennes, UMR 5140, Université Paul Valéry Montpellier; Labex Archimedé; Alma Mater Studiorum - Università di Bologna); Watzet, J; Lefèvre, D; Cattani, M

SA19 SCIENTIFIC ANALYSIS OF ARCHAEOLOGICAL OBJECTS IN MUSEUMS: MODERN TECHNOLOGIES AND LIMITATIONS OF THE COLLECTIONS

ALEXANDER STONE BUILDING - ROOM 204

Chair: Prof. Robert Tykot / **Organiser(s):** Prof. Robert Tykot, Dr. Andrea Vianello

- 1330 - 1340 **Introduction**
- 1340 - 1400 **The museum collection as archaeological assemblage**, Vianello, A (independent researcher)
- 1400 - 1420 **The impact of historical post-excavation modifications on the re-examination of human mummies**, Gill-Frerking, H (NTK Services)
- 1420 - 1440 **Advantages and Limitations of Using Non-Destructive Portable X-Ray Fluorescence Spectrometers (pXRF) in Museums: Studies of Metals, Ceramics, Lithics, and Paintings**, Tykot, R (University of South Florida)
- 1440 - 1500 **All that glitters is not gold: about some of the limitations and strengths of non-destructive analyses on archaeological pottery**, Iñañez, J (University of the Basque Country (UPV/EHU) - IKERBASQUE)
- 1500 - 1520 **Surface pXRF analyses of the Chalchis Treasure from the Ashmolean and British Museums**, Orfanou, V (Institute of Archaeology, UCL)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Informative potential of the collection objects obtained by reverse engineering**, Escobar Gutiérrez, J (Universidad de los Andes); Bustamante, N; Rueda, N; Cano, S; Barbosa, J
- 1620 - 1640 **Museum artefact biographies: aspects and issues for microwear and provenance analyses in circum-Caribbean collections**, Breukel, T (Faculty of Archaeology, Leiden University);

- 1640 - 1700 **Falci, C; Knaf, A; Koornneef, J; Van Gijn, A; Davies, G**
Sorting Out the Dead: Using pXRF As An Aid To Individuate
Commingled Human Remains, Richards, J (UW-Milwaukee);
 Richards, P
- 1700 - 1800 **Discussion**

SA20 SCIENTIFIC APPROACHES TO THE EUROPEAN IRON AGE

KELVIN BUILDING – ROOM 257

Chair: Prof. Hrvoje Potrebica / **Organiser(s):** Prof. Hrvoje Potrebica, Dr. Matija Črešnar, Dr. Philip Mason

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Encounters and transformations in Iron Age Europe: archaeological science in the ENTRANS Project**, Armit, I (University of Bradford)
- 0830 - 0850 **Understanding the barrow construction and settings with the help of geophysics**, Mušič, B (University of Ljubljana, Department of archaeology); Potrebica, H; Črešnar, M; Medarič, I
- 0850 - 0910 **Combining geophysics, geochemistry and targeted archaeological excavations to interpret an Iron Age hillfort**, Črešnar, M (University of Ljubljana); Mušič, B; Dolenc, M; Zupančič, N; Vinazza, M; Medarič, I
- 0910 - 0930 **Science on the Border - Project BorderArch-Steiermark**, Mele, M (Universalmuseum Joanneum); Črešnar, M
- 0930 - 0950 **A chance to see the wood for the trees: large scale development projects and scientific approaches to the study of Iron Age landscapes in central and south-eastern Slovenia**, Mason, P (Zavod za varstvo kulturne dediščine Slovenije, Center za preventivno arheologijo); Mlekuž, D
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Central systems and local identities in Pre-Roman Dacia – an assessment based on non-invasive prospections of archaeological landscapes**, Stefan, M (Institute of Archaeology and Art History Cluj Napoca); Ștefan, D
- 1050 - 1110 **Taphonomy matters. 3D field recording and the understanding of site formation processes: a case study from Southern France Early Iron Age**, Gorgues, A (University of Bordeaux Montaigne-UMR 5607 Ausonius); Comte, F
- 1110 - 1130 **A GIS-Based Landform Classification Approach for the Iron**

- Age Patterns of Settlement in the Upper Duero River (North-Central Spain)**, Licerias-Garrido, R (Complutense University of Madrid); Cerrillo-Cuenca, E
- 1130 - 1150 **Where are my datas ? ArkeoGIS, how to agregate archaeology, geography and analyses online**, Bernard, L (Université de Strasbourg / CNRS)
- 1150 - 1210 **Investigating population homogeneity across Early Iron Age Croatia and Slovenia using stable isotopes**, Nicholls, R (University of Bradford); Buckberry, J; Koon, H
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Constructing dietary baselines for Early Iron Age Slovenia and northern Croatia from faunal material**, Koon, H (University of Bradford); Nicholls, R
- 1350 - 1410 **The Iapodians in Iron Age Europe: a Stable Isotope and Radiocarbon Dating Program in Northern Croatia**, Zavodny, E (The Pennsylvania State University); Culleton, B; McClure, S; Kennett, D; Balen, J
- 1410 - 1430 **Social stratigraphy in Late Iron Age Switzerland: Analysis of human remains from Münsingen**, Moghaddam, N (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern); Müller, F; Hafner, A; Lösch, S
- 1430 - 1450 **Trying to create order in the chaos – a digital approach to the recording of commingled grave contents of an Early Iron Age tarand-grave in Southern Estonia**, Kivirüüt, A (University of Tartu)
- 1450 - 1510 **Organic residue analysis of pottery vessels: Implications for the understanding of identity and mobility in Early Iron Age Europe**, Bastos, B (University of Bradford); Heron, C
- 1510 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Experimental and Archaeometric approach of Celtic Glass-making**, Joelle, R (University of Paris 1, Pantheon Sorbonne - Umr 8215)
- 1620 - 1640 **Metal Management at the Oppida in Temperate Europe**, Frank Danielisova, A (Institute of Archaeology CAS, Prague, v.v.i.)
- 1640 - 1700 **Once again about the “thraco-cimmerian” horizon based on two new bronze hoards**, Bors, C (Muzeul National de Istorie a Romaniei)
- 1700 - 1720 **Do we need to change our way of thinking? Considerations about using scientific methods in Iron Age study – an overview**

1720 - 1800 **from Hungary**, Jerem, E (Archaeolingua Foundation)
Discussion

SA21 SLUM-DWELLERS REVISITED: BIOARCHAEOLOGY, DOCUMENTARY ARCHAEOLOGY, AND THE CASE FOR AN INTEGRATED APPROACH TO 19TH CENTURY POVERTY

BOYD ORR - LECTURE THEATRE E

Chair: Prof. James Symonds / **Organiser(s):** Prof. James Symonds, Prof. Mary Beaudry

0800 - 0810 **Introduction**

0810 - 0830 **Dedicated Followers of Fashion? Bioarchaeological perspectives on socio-economic status and health in urban children from the Industrial Revolution**, Newman, S (Durham University); Gowland, R

0830 - 0850 **Life in the Roman Catholic Orphanage the 'Maagdenhuis' of Amsterdam in the 19th Century AD**, Smits, E (University of Amsterdam)

0850 - 0910 **The Outcast Dead: Health and Diet of the Post-Medieval Workhouse**, Shields, B (Durham University)

0910 - 0930 **'To prove I'm not forgot' - Giving a voice to the urban poor through analysis of skeletal populations from Rotherham and Leeds, Northern England**, Holst, M (York Osteoarchaeology Ltd/ University of York); Keefe, K

0930 - 0950 **Poverty and work: integrating skeletal and documentary evidence in nineteenth century Portugal**, Henderson, C (CIAS - Research Centre for Anthropology and Health, University of Coimbra); Alves Cardoso, F; Assis, S

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **The Others Shall be Ousted from Our Town... From TB to SD - tracing a tainted history of a Swedish slum district**, Pettersson, C (Jönköping County Museum); Ericsson, M

1050 - 1110 **The order of things**, Høst-Madsen, L (Skanderborg Museum)

1110 - 1130 **Session Discussant**, Mrozowski, S (University of Massachusetts Boston)

Poster

Post-medieval Poverty: an Integrated Investigation, Rowsell, K (University of York); Collins, M; Jenner, M

SA22 THE IN-SITU CHARACTERISATION OF ARCHAEOLOGICAL MATERIALS, BUILDINGS AND ARTWORKS: IMPLICATIONS FOR THE PRACTICE OF ARCHAEOLOGY

ALEXANDER STONE BUILDING - ROOM 204

Chair: Dr. Richard Jones / **Organiser(s):** Dr. Richard Jones, Dr. Costanza Miliani, Dr. Roger Doonan, Dr. Effie Photo-Jones

- 1030 - 1040 **Introduction**
- 1040 - 1100 **Artisans' mobility and instrument's portability: a fruitful collaboration**, Brysbaert, A (Leiden University); Anglos, D
- 1100 - 1120 **Can preservation conditions of subsurface deposits be determined reliably?**, Peterson, A (Norwegian Institute for Cultural Heritage Research); Taylor, J
- 1120 - 1140 **Dynamic Analysis: a protocol based on interactive practices between in situ and ex situ analysis in the conservation of mural paintings**, Photos-Jones, E (SASAA/Glasgow University); Karatasios, I; Farmakalidis, H; Kilikoglou, V; Tavlaridis, G
- 1140 - 1200 **In the shadow of the 'lighthouse': in-situ and ex-situ analysis to reveal the anthropogenic signature amidst volcanic 'ash'.**
A. Di Renzoni: CNR-ISMA, E. Photos-Jones: ASAA, S.T. Levi: Dip Scienze Chimiche Geologiche Università Modena e Reggio Emilia, Di Renzoni, A (Istituto di Studi sul Mediterraneo Antico (CNR-ISMA)); Photos-Jones, E; Levi, S
- 1200 - 1230 **Discussion**

SA24 WHAT HAVE ISOTOPES DONE FOR ARCHAEOLOGY LATELY?

JOSEPH BLACK - ROOM 419

Chair: Dr. Ricardo Fernandes / **Organiser(s):** Dr. Ricardo Fernandes, Dr. Klervia Jaouen

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Seafood and C4 Plants in Ancient Diets: Stable Isotope Analysis of Bone Apatite and Bone Collagen**, Tykot, R (University of South Florida)
- 0830 - 0850 **Death studies and isotopic data: the new Pandora's Box for the study of the Mesolithic burials at the shell middens of the Tagus (Muge) and Sado valleys, Portugal?**, Peyroteo Stjerna, R (Department of Archaeology and Ancient History, Uppsala

- University); Diniz, M
- 0850 - 0910 **Diet at Late Chalcolithic Çamlıbel Tarlası, North Central Anatolia: an isotopic perspective**, Pickard, C (University of Edinburgh)
- 0910 - 0930 **Bayesian estimation of ancient human diets**, Fernandes, R (Kiel and Cambridge Universities)
- 0930 - 0950 **The application of neodymium isotope analysis to human provenancing**, Plomp, E (Free University Amsterdam); Font, L; Koornneef, J; Laffoon, J; Davies, G
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Revealing the importance of Baltic Sea resources in the diets of the people of prehistoric Finland through lipid and $\delta^{13}\text{C}$ analyses of organic residues in ceramic food vessels**, Pääkkönen, M (University of Turku); Evershed, R; Asplund, H
- 1050 - 1110 **Recent Stable Isotope Analyses and Dietary Variability at the Stone Age Burial Site Zvejnieki, Northeastern Latvia**, Legzdīņa, D (Institute of Latvian History at the University of Latvia); Lee-Thorp, J; Zariņa, G
- 1110 - 1130 **Reconstructing Subneolithic and Neolithic diets of the inhabitants of the SE Baltic coast (3200-2500 cal BC) using stable isotope analysis**, Piličiauskas, G (Lithuanian Institute of History); Jankauskas, R; Dupras, T; Piličiauskienė, G
- 1130 - 1150 **New trends, new food? Investigating prehistoric diet in the Limfjord region, Denmark**, van der Sluis, L (School of Geography, Archaeology and Palaeoecology, Queen's University Belfast)
- 1150 - 1210 **Freshwater Reservoir Effect on Re-Dating of Eurasian Steppe Cultures: New Data for the Prehistoric Sites of Kazakhstan and South of Siberia**, Svyatko, S (Queen's University Belfast)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **The Dietary Habits of Urban Populations in Russia prior to the invasions of Batu-Khan**, Engovatova, A (Institute of Archaeology Russian Academy of Sciences); Dobrovolskaya, M; Mednikova, M; Tarasova, A; Zaitseva, G
- 1350 - 1410 **Diet Profiles from Archaeological Human Hair: Oglakhty Tashtyk Culture Burial Ground**, Shishlina, N (State Historical museum); Sevastyanov, V; Pankova, S
- 1410 - 1430 **Isotopes have not done much for our understanding of fossil hominin territorial mobility...yet!**, Verna, C (CNRS)
- 1430 - 1450 **The Milwaukee County Institution Grounds Poor Farm**

Cemetery: A case study in the application of strontium isotope analysis as an element of a multifaceted archaeological approach to historic cemeteries for the creation of individual identifications, Jordan, A (University of Wisconsin-Milwaukee); Richards, P

1450 - 1510 **Moving herds in Iron Age Europe: zooarchaeological and isotopic evidence from Britain and Spain**, Valenzuela-Lamas, S (University of Sheffield)

1510 - 1530 **Never far from home: An investigation of mobility patterns in the late prehistoric communities of central Spain (Madrid) using radiogenic ($^{87}\text{Sr}/^{86}\text{Sr}$) and stable ($\delta^{18}\text{O}$) isotope ratios from human dental enamel**, Díaz-del-Río, P (Instituto de Historia, CSIC)

Coffee break

1600 - 1620 **Seasonal reproduction patterns and seasonal diet of early sheep attested in north-east Iberian Peninsular (La Draga site, Early Neolithic)**, Tornero, C (UMR 7209 CNRS/MNHN); Navarrete, V; Balasse, M; Saña, M

1620 - 1640 **Unraveling the early history of faba bean in the southern Levant using carbon isotopes (^{12}C , ^{13}C , ^{14}C)**, Caracuta, V (Weizmann-Max Planck Centre for Integrative Archaeology and Anthropology; D-Reams Radiocarbon Laboratory)

1640 - 1700 **Assessing the 4.2 kya event in the Iberian Peninsula and its Relationship to Culture Change Using a Large Dataset of Radiocarbon Dates and Associated Delta ^{13}C Values**, Lillios, K (University of Iowa); Blanco-González, A; Drake, L; López Sáez, A

1700 - 1720 **Changes in climatic conditions, subsistence strategies and mobility patterns in the early and middle Neolithic in the Polish lowlands. The case of the settlement in Kopydłowo**, Marciniak, A (Institute of Prehistory, Adam Mickiewicz University); Bartkowiak, M; Lisowski, M; Sobkowiak-Tabaka, I

1720 - 1740 **Carbon Isotope Analysis ($\delta^{13}\text{C}$) from the site of Terlinques (Villena, Spain): Preliminary results**, Mora, A (Universidad de Granada); Delgado Huertas, A; Jover Maestre, F; López Padilla, J

1740 - 1800 **Discussion**

Posters

People of La Mancha. Diet and mobility at the Bronze Age site of El Acequión (Albacete, Spain), Díaz-Zorita Bonilla, M (University of Tübingen); Díaz del Río, P; Balsera, V; Waterman, A; Thomas, J; Peate, D

Potential of Zn isotopes as new paleodietary indicators: dental enamel and bone data from a trophic chain in Koobi Fora, Kenya, Jaouen, K (Max Planck Institute for Evolutionary Anthropology)

Online database on bone collagen $\delta^{13}\text{C}$, $\delta^{15}\text{N}$ and $\delta^{34}\text{S}$ values. A new tool for (prehistoric) dietary reconstruction in the Eastern Baltic Sea area, Etu-Sihvola, H (Laboratory of Chronology, LUOMUS, Finnish Museum of Natural History, University of Helsinki); Mannermaa, K; Arppe, L

Can bulk isotopes be used to determine the use of pottery?: a view from Japanese prehistory, Shoda, S (University of York); Craig, O

The effectiveness of different pre-treatments on charred plant samples for stable nitrogen and carbon isotopes analyses, Fernandes, R (Universities of Kiel and Cambridge); Brinkkemper, O; van Os, B; van Hoesel, A

SA3 ARCHITECTURES OF FIRE: PROCESSES, SPACE AND AGENCY IN PYROTECHNOLOGY

BOYD ORR - LECTURE THEATRE C

Chair: Prof. Dragos Gheorghiu / **Organiser(s):** Prof. Dragos Gheorghiu, Mr. Derek Pitman

- 1600 - 1620 **The Ancient Neolithic ovens of Portonovo (Italy): archaeology, archaeometry, experimental reconstruction**, Conati Barbaro, C (Dipartimento di Scienze dell'Antichità University of Rome La Sapienza); Forte, V; La Marca, C; Muntoni, I; Eramo, G; Rossi, A
- 1620 - 1640 **Chalcolithic Architectures of Fire: Aidraught, Space and Agency**, Gheorghiu, D (National University of Arts – Bucharest)
- 1640 - 1700 **Architectures of Complexity: The implications of furnace type on the temporality and scale of production in Middle Bronze Age Sintashta communities**, Pitman, D (Bournemouth University)
- 1700 - 1720 **Italian pottery kilns and production areas from Bronze Age to Archaic Period**, Sotgia, A (Sapienza – Università di Roma)
- 1720 - 1740 **Shifting Focus: Expanding the Potential of Experimental Metallurgical Reconstructions**, Slater, J (University of Sheffield)
- 1740 - 1800 **A space for metalworking**, Jouttijärvi, A (Heimdal-archaeometry)

Posters

Firing temperatures and chemical composition of Roman ceramics from Bulgaria, Lesigyrski, D (National Institute of Geophysics, Geodesy and Geography, BAS);

Kostadinova-Avramova, M; Bozhinova, E

The Tarascan fire structures of the Malpaís Prieto, Michoacán, Mexico: to a cultural geoarchaeology, Stevanato, M (Université de Paris I Panthéon-Sorbonne)

SA6 COMPLEX ISSUES IN DATING COASTAL & ISLAND SETTLEMENTS

HUMANITIES LECTURE THEATRE (G255)

Chair: Dr. Anthony Krus / **Organiser(s):** Dr. Anthony Krus, Dr. Victor Thompson

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Luminescence studies of coastal sediments in archaeological landscapes: What have we learned in the last 15 years?**, Sanderson, D (SUERC)
- 0830 - 0850 **Defining the chronostratigraphy of a prehistoric settlement mound: luminescence profiling and dating at Baile Sear**, Kinnaird, T (SUERC); Sanderson, D; Dawson, T; Cresswell, A
- 0850 - 0910 **The Geochronology of Mound Key: an Anthropogenic Island in Southwest Florida, USA**, Thompson, V (University of Georgia); Marquardt, W; Cherkinsky, A; Roberts Thompson, A
- 0910 - 0930 **Eskmeals revisited: the impact of AMS dating**, Bonsall, C (University of Edinburgh); Pickard, C; Gurova, M; Ritchie, G
- 0930 - 0950 **Is timber re-cycling affecting our interpretation of the marine crannogs in the Firth of Clyde?**, Jacobsson, P (Scottish Universities Environmental Research Centre); Hale, A; Hamilton, D; Cook, G
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Understanding Early Bronze Age memory and society through mortuary chronologies at Armadale, Isle of Skye**, Krus, A (Scottish Universities Environmental Research Centre); Peteranna, M
- 1050 - 1110 **Unraveling a Complex Interment History at the Threshold of European Contact: Amino Acid Racemization Dating of Human Remains from St. Catherines Island, Georgia**, Reitsema, L (Assistant Professor, University of Georgia); Loftis, K; Thomas, D; Larsen, C; Speakman, R
- 1110 - 1130 **Marine and freshwater reservoir effects in a Stone Age fjord on Lolland, Denmark**, Philippsen, B (Museum Lolland-Falster)

- 1130 - 1150 **Un-mixing Viking Diets: Utilisation of the Bayesian Modelling Program FRUITS to Understand Freshwater and Marine Reservoir Effects in North-East Iceland**, Sayle, K (SUERC, University of Glasgow); Hamilton, D; Cook, G; Gestsdóttir, H
- 1150 - 1210 **Local Marine Reservoir Corrections for the Caribbean Islands Illustrate High Intra- and Inter-Island Variability**, Fitzpatrick, S (University of Oregon); Rick, T
- 1210 - 1230 **Evidence for subannual to millennial-scale ΔR variations in the Holocene Santa Barbara Basin (Eastern Pacific) and challenges for archaeological chronology building in California**, Culleton, B (Department of Anthropology, Penn State University); Culleton, B

Posters

Gold on the coast: the absolute dating of the Late Chalcolithic Varna cemetery (Bulgaria), Dzhazheva, T (St Cyril and St Methodius University of Veliko Turnovo)

Dating windblown sand horizons on coastal archaeological sites: challenges in the creation and interpretation of chronologies, Gal, E (University of St Andrews)

SA7 CONSTRUCTION TECHNIQUES AND TRANSFER OF TECHNOLOGICAL SKILLS BETWEEN NEIGHBOURING REGIONS: THE MACROSCOPIC AND MICROSCOPIC ARCHAEOLOGICAL RECORDS

EAST QUAD LECTURE THEATRE

Chair: Ms. Marta Lorenzon / **Organiser(s):** Ms. Marta Lorenzon, Ms. Cindy Nelson-Viljoen, Mr. Jonathan Devogelaere, Ms. Rossana Valente, Ms. Chamsia Sadozai, Dr. Michael Toffolo

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Macroscopic Observations on Minoan earthen constructions**, Lorenzon, M (University of Edinburgh)
- 0830 - 0850 **The utility of experimental archeology combined with novel microscopic methods in understanding Imperial Roman mortar technology at the limes danubius**, Baragona, A (University of the Applied Arts, Vienna; IATCS); Weber, J
- 0850 - 0910 **The Macroscopic and Microscopic Properties and Identification of Degraded Mud Structures**, Friesem, D (McDonald Institute for Archaeological Research, University of Cambridge)
- 0910 - 0930 **A fresh look at Palmyra's inner city wall**, Intagliata, E (University

- of Edinburgh)
- 0930 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Preventive archaeology of built space : examples of construction techniques and spread of practices of using earth around the ordinary medieval house, south-west of France**, Huser, A (Inrap)
- 1050 - 1110 **Detecting the story behind dimension stones – The origin, use and social impact of new building material in the medieval Turku**, Seppänen, L (Turku University); Kinnunen, J
- 1110 - 1130 **Integrative Study of the Early Roman Building of Can Tacó (Barcelona, Spain): The contribution of Archaeometry in the Understanding of the Building and Decorative Choices**, Gutierrez Garcia-M, A (IRAMAT-CRP2A UMR 5060 CNRS Université Bordeaux Montaigne); Rodrigo, E
- 1130 - 1230 **Discussion**

Poster

The use of bricks in Rome, an idea that comes from the East, González, A (Superior Technical School of Architecture of Madrid (Spain))

SA8 DON'T PUT YOUR EGGS IN ONE BASKET: MULTI-DISCIPLINARY APPROACHES TO THE STUDY OF POULTRY EXPLOITATION IN EUROPE.

MATHEMATICS BUILDING - ROOM 516

Chair: Dr. Julia Best / **Organiser(s):** Dr. Julia Best, Dr. Luminita Bejenaru, Dr. Ophelie Lebrasseur, Dr. Mark Maltby, Dr. Idoia Grau Sologestoa

- 0800 - 0810 **Introduction**
- 0810 - 0830 **An analysis of duck and goose bone assemblages from Roman Britain using newly developed morphometric identification criteria**, Poland, G (The University of Sheffield)
- 0830 - 0850 **The role of the minor bird domesticates in Roman and medieval Italy**, Corbino, C (University of Sheffield); Minniti, C; Poland, G; Albarella, U
- 0850 - 0910 **On the origin of chickens**, Pitt, J (Bournemouth University)
- 0910 - 0930 **Fine food for the dead : chickens in Gallic graves**, Seigle, M (University Lyon 2 - Laboratoire HISOMA (UMR 5189))
- 0930 - 0950 **More than a dietary supplement: Humans and Chickens in**

Roman Britain, Maltby, M (Bournemouth University); Best, J; Feider, M

0950 - 1000

Discussion

Coffee break

1030 - 1050

Proteomics on avian eggshell: count your chickens before they're hatched?, Demarchi, B (University of York); Collins, M

1050 - 1110

Do you count your chickens: Multi-strand investigations of archaeological eggs, Best, J (Bournemouth University)

1110 - 1130

Tracking the culinary use of poultry in European archaeology: exploring bimolecular evidence from pots, Colonese, A (Department of Archaeology, BioArCh. University of York); Lucquin, A; Demarchi, B; O'Connor, T; Craig, O

1130 - 1150

The Dynamics of Human-chicken Relationships: Evidence from Stable Isotopes, Miller, H (University of Nottingham); Sykes, N

1150 - 1210

Changing modes in human-poultry interaction in Scandinavia, c. 100BC – AD1000, Jennbert, K (Department of Archaeology and Ancient history)

1210 - 1230

Discussion

Lunch

1330 - 1350

From genotype to phenotype: identifying selection of desired phenotypic and behavioural traits in the domestic chicken, Lebrasseur, O (University of Oxford); Girdland-Flink, L; Larson, G

1350 - 1410

The Icelandic Chicken Landrace, fact or fiction?, Palsdottir, A (The Agricultural University of Iceland); Hallsson, J

1410 - 1430

From rarity to commonness. A brief history of domestic chicken in Poland, Wiejacka, M (Institute of Archaeology, Nicolaus Copernicus University in Toruń); Wiejacki, J; Makowiecki, D

1430 - 1450

Chicken husbandry from Roman to Medieval times in Turkey, Piskin, E (Middle East Technical University)

1450 - 1530

Discussion

Posters

Poultry Exploitation in Eastern Romania during Post-Antiquity and Medieval Periods, Bejenaru, L (Alexandru Ioan Cuza University of Iasi); Stanc, S

Dove-keeping in medieval England, Baker, P (English Heritage)

Description of D-loop mitotypes which participated in formation of Russian and Uzbek chicken breeds, Galkina, S (Saint-Petersburg State University); Demin, A



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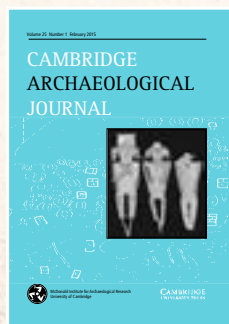
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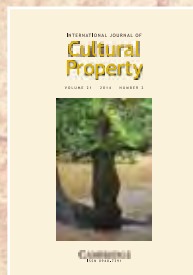
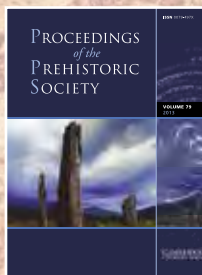


Archaeological Dialogues sponsored session*

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*Session LV13



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FRIDAY

4TH SEPTEMBER 2015

Friday 4th September

	Room	8:00	10.30	13:30	16:00			
Boyd Orr Building	Lecture Theatre 1	RI37	Approaching Identity Through Burial	RI37	Approaching Identity Through Burial			ANNUAL MEMBERSHIP BUSINESS MEETING – BOYD ORR LECTURE THEATRE 1
	Lecture Theatre 2	CA29	Communicating Archaeology: Global Management and Innovative Interpretations	CA29	Communicating Archaeology: Global Management and Innovative Interpretations	CA29	Communicating Archaeology: Global Management and Innovative Interpretations	
	Lecture Theatre A	RI18	Marginal archaeologies/ Archaeologies of margins	RI18	Marginal archaeologies/ Archaeologies of margins	RI19	Marginalization in Europe's northern periphery 800-1600 AD	
	Lecture Theatre B	AM9	From dots on a map to long-term linear structures: tracks and roads as means of communication through time and space	AM9	From dots on a map to long-term linear structures: tracks and roads as means of communication through time and space	AM9	From dots on a map to long-term linear structures: tracks and roads as means of communication through time and space	
	Lecture Theatre C	CA24	Sustainable practices in archaeology	CA24	Sustainable practices in archaeology	LV18	mediterranean mountainous landscapes: Historical Agrosystems, Identity and Heritage	
	Lecture Theatre D	RI13	Human remains in caves; Reconfiguring identities	RI13	Human remains in caves; Reconfiguring identities	RI13	Human remains in caves; Reconfiguring identities	
	Lecture Theatre E	LV9	Gone....but not forgotten. Forgotten....but not long gone. Mundane memories, artificial amnesia and transformed traditions.	LV9	Gone....but not forgotten. Forgotten....but not long gone. Mundane memories, artificial amnesia and transformed traditions.	LV9	Gone....but not forgotten. Forgotten....but not long gone. Mundane memories, artificial amnesia and transformed traditions.	
	709	AM6	Casting a glance over the mountains: Archaeological and biogeochemical approaches to the understanding of vertical mobility	AM6	Casting a glance over the mountains: Archaeological and biogeochemical approaches to the understanding of vertical mobility	LV24	shaping the mind through matter – cognitive archaeology today	

Maths Building	203	CA10	Cultural Communication and Archaeology	CA10	Cultural Communication and Archaeology			
	204	LV19	photography and archaeology	LV19	photography and archaeology	LV27	War, Your Grim Tutor: Encounters with the Cultural Heritage of the Great War 100 Years On	
	325	RI6	Consumption Preferences and Agricultural Choices: an economic approach to identity in archaeobotany	RI6	Consumption Preferences and Agricultural Choices: an economic approach to identity in archaeobotany			
	326	CA27	wikipedia and archaeology	LV15	Large-scale maps in archaeology; Beyond the search for ancient monuments			
	416	AM16	Round and round the Mediterranean: investigating the appearance of the potter's wheel as a mobile technology in prehistory	AM16	Round and round the Mediterranean: investigating the appearance of the potter's wheel as a mobile technology in prehistory	AM16	Round and round the Mediterranean: investigating the appearance of the potter's wheel as a mobile technology in prehistory	
	417	AM17	Stepping Stones in Super-Regional Networks, Landing Places within the Maritime Cultural Landscape (c. 550-1500 AD)	AM17	Stepping Stones in Super-Regional Networks, Landing Places within the Maritime Cultural Landscape (c. 550-1500 AD)	AM17	Stepping Stones in Super-Regional Networks, Landing Places within the Maritime Cultural Landscape (c. 550-1500 AD)	
Maths Building	515	LV8	exploring new trends and lost(?) tracks in landscape archaeology	LV8	exploring new trends and lost(?) tracks in landscape archaeology			
	516	LV11	in the trenches: Archaeology and the Great War	LV11	in the trenches: Archaeology and the Great War	RI26	Religion and the grammar of defence in early medieval power centres	
	214	LV2	Archaeological Sites as Space for Modern Spiritual Practice			CA20	Re-focusing Interpretation: from expert to individual and community	

Joseph Black Building	408	AR3	Cropland shaping: the spread, function and social implications of field systems across Europe during pre- and protohistory	AR3	Cropland shaping: the spread, function and social implications of field systems across Europe during pre- and protohistory	AR3	Cropland shaping: the spread, function and social implications of field systems across Europe during pre- and protohistory	
	419	RI33	Unraveling Epistemologies of Identification and Identity-Making in Prehistory	RI33	Unraveling Epistemologies of Identification and Identity-Making in Prehistory	RI33	Unraveling Epistemologies of Identification and Identity-Making in Prehistory	
	407	RI28	stone across time and space: Negotiating Identity Through The Use and Re-use of Carved Stone in North-Western Europe 400 to 1400 AD	RI28	stone across time and space: Negotiating Identity Through The Use and Re-use of Carved Stone in North-Western Europe 400 to 1400 AD	LV30	Artistic Legacies	
	504	RI23	Pathways to Power in Iron Age/ Early Medieval Northern Europe	RI23	Pathways to Power in Iron Age/ Early Medieval Northern Europe			
	201	SA14	New approaches to metals trade and people mobility: Integrating scientific data with archaeological theory	SA14	New approaches to metals trade and people mobility: Integrating scientific data with archaeological theory			
John McIntyre Building	208	AR2	Adaptive cycles in archaeology	AR2	Adaptive cycles in archaeology	SA18	Science and Archaeology: Isotopic Approaches	

Kelvin Building	222	RI22	Operationalizing hybridization in the Mediterranean. A multiscalar approach on material culture during the Bronze and Iron Ages.	RI22	Operationalizing hybridization in the Mediterranean. A multiscalar approach on material culture during the Bronze and Iron Ages.	RI22	Operationalizing hybridization in the Mediterranean. A multiscalar approach on material culture during the Bronze and Iron Ages.	
	257	SA10	Isotopes to farmscapes	SA10	Isotopes to farmscapes	SA10	Isotopes to farmscapes	
	312	SA26	Science and Archaeology: Earth, Wind and Fire and Residues	SA26	Science and Archaeology: Earth, Wind and Fire and Residues			
Graham Kerr Building	224	SA9	Exploring the production and consumption of fermented beverages and foods in pre- and protohistoric communities	SA9	Exploring the production and consumption of fermented beverages and foods in pre- and protohistoric communities	SA9	Exploring the production and consumption of fermented beverages and foods in pre- and protohistoric communities	
James Watt South Building	354	SA25	Science and Archaeology: People and Places	SA25	Science and Archaeology: People and Places			
	375	LV21	Sacred Places, Sacred Spaces: Landscape Transformation and Inheritance	LV21	Sacred Places, Sacred Spaces: Landscape Transformation and Inheritance	LV21	Sacred Places, Sacred Spaces: Landscape Transformation and Inheritance	
	355	LV3	archaeology at rural crossroads; towards an integrated approach to Archaeological Heritage Management	LV3	archaeology at rural crossroads; towards an integrated approach to Archaeological Heritage Management	LV12	integrating textile studies into the Mainstream Archaeology/ Anthropology Curriculum	
	361	CA9	community led heritage action	CA9	community led heritage action	RI30	The Contentious of Heritage: Construction and Re-construction of Identities	

East Quad Lecture Theatre	Lecture Theatre	CA11	Engaging the public with archaeology threatened by climate change	CA11	Engaging the public with archaeology threatened by climate change	CA11	Engaging the public with archaeology threatened by climate change	
Humanities Lecture Theatre	G255	CC6	Rethinking the Celts	CC6	Rethinking the Celts			
Gilbert Scott Building	G466	AM15	Pots on the Water: Maritime Transport Containers in the Mediterranean Bronze and Iron Ages	AM15	Pots on the Water: Maritime Transport Containers in the Mediterranean Bronze and Iron Ages	AM15	Pots on the Water: Maritime Transport Containers in the Mediterranean Bronze and Iron Ages	
Gregory Building	Lecture Theatre (109)	CA18	Political Strategies for the EAA?	CA18	Political Strategies for the EAA?	RI36	Reconfiguring Identities in Childhood	

Alexander Stone Building

204

AM4

Archaeotourism on the Move: Developing Guidelines for Europe

CA21

Reporting, publication and public outreach

CA15

Making (public) archaeology political

AM15 POTS ON THE WATER: MARITIME TRANSPORT CONTAINERS IN THE MEDITERRANEAN BRONZE AND IRON AGES

GILBERT SCOTT - ROOM G466

Chair: Prof. A. Bernard Knapp / **Organiser(s):** Prof. A. Bernard Knapp, Dr. Stella Demesticha

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Maritime Transport Containers in the Bronze-Iron Age Eastern Mediterranean: Introduction**, Demesticha, S (University of Cyprus); Knapp, A (University of Glasgow)
- 0830 - 0850 **Dawn of the Amphora: The Emergence of Maritime Transport Containers in the Early Bronze Age Aegean**, Day, P (University of Sheffield); Wilson, D
- 0850 - 0910 **The Development of Canaanite and Phoenician Style Maritime Transport Containers (MTCs) and Their Role in Reconstructing Maritime Exchange Networks**, Martin, R (University of Toronto)
- 0910 - 0930 **The Maritime Transport Amphorae from Tell Abu Hawam**, Artzy, M (University of Haifa)
- 0930 - 0950 **Seaborne Maritime Transport Containers from the Beginning: Transport Stirrup jars**, Haskell, H (Southwestern University)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Maritime Transport Containers in Late Bronze Age Tiryns**, Kardamaki, E (Institute of Aegean Prehistory); Day, P; Tenconi, M; Papadimitriou, A
- 1050 - 1110 **Trade and Capacity Study in Eastern Mediterranean: The First Amphorae from Coastal Levant**, Cateloy, C (Paris 1 - Panthéon Sorbonne)
- 1110 - 1130 **Measure for measure: connecting text to material through Late Bronze Age shipping jars**, Monroe, C (Cornell University)
- 1130 - 1150 **On the Origin of Phoenician Transport Jars at Iron Age Kommos, Crete: A Diachronic View**, Gilboa, A (Department of Archaeology, University of Haifa); Waiman-Barak, P; Jones, R
- 1150 - 1210 **Greek Commodities Moving West: Comparing Corinthian and Athenian Amphorae in the Early Archaic Period**, Pratt, C (University of Western Ontario)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1340 **Introduction**

- 1340 - 1400 **Transport amphorae from Methone, northern Greece: an interdisciplinary study of production and trade c. 700 BC**, Kiriati, E (Fitch Laboratory, British School at Athens); Müller, N
- 1400 - 1420 **Storing and transporting meat in the Phoenician and Punic period. The amphorae from underwater explorations off the coast of Nora (Sardinia)**, Madrigali, E (Università degli studi di Padova); Zara, A
- 1420 - 1440 **Hindsight is 20/20? Early Iron Age shipping containers as viewed from the Late Archaic and Classical future**, Lawall, M (University of Manitoba)
- 1440 - 1530 **Discussion**

AM16 ROUND AND ROUND THE MEDITERRANEAN: INVESTIGATING THE APPEARANCE OF THE POTTER'S WHEEL AS A MOBILE TECHNOLOGY IN PREHISTORY

MATHEMATICS BUILDING - ROOM 416

Chair: Dr. Maja Gori / **Organiser(s):** Dr. Maja Gori, Dr. Jill Hilditch, Dr. Marco Bettelli

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Round and round it goes (or evolution of the revolution in ceramic production): the potter's wheel in the ancient Mediterranean**, Hilditch, J (University of Amsterdam); Gori, M; Betelli, M
- 0830 - 0850 **The invention of the potter's wheel: conditions and consequences in terms of diffusion**, Roux, V (CNRS); Baldi, J
- 0850 - 0910 **When the wheels started to turn in western Anatolia: The Early Use of Potter's wheel in the Anatolian Peninsula**, Türkteki, M (Bilecik Şeyh Edebali University)
- 0910 - 0930 **The Adoption and Adaptation of the Potter's Wheel in Egypt**, Doherty, S (Gebel el Silsila Project)
- 0930 - 0950 **Assessing the use of the potter's wheel in the EBA Aegean: the techno-morphological pottery types as indicators of the craft knowledge**, Choleva, M (Paris I - Panthéon Sorbonne, Archéologie et Sciences de l'Antiquité - Protohistoire égéenne, UMR 7041)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **To throw or not to throw: the utilisation of the potter's wheel in prehistoric Greece**, Berg, I (University of Manchester)
- 1050 - 1110 **The introduction of the potter's wheel in the North-western**

- Aegean: Exploring ceramic technological innovation in the contexts of local social realities and inter-Aegean interactions,** Kiriatzi, E (Fitch Laboratory, British School at Athens); Andreou, S
- 1110 - 1130 **From the hub to the wheel's rim. The adoption of potter's wheel in the south-western Balkans,** Gori, M (University of Amsterdam); Krapf, T
- 1130 - 1150 **The adoption of the potter's wheel in Thrace: models and evidence,** Dimova, B (Cambridge University)
- 1150 - 1210 **Trick or Treat? Persistence and oblivion of the potter's wheel in the Italian protohistory,** Bettelli, M (CNR-Istituto di studi sul Mediterraneo Antico); Levi, S
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Wheel-thrown or wheel-finished figulina pithoi?,** Porta, F (Sapienza-Università di Roma)
- 1350 - 1410 **Deconstructing the Potter's Wheel: investigating ceramic technology in Early Iron Age Greece through macro-trace analysis,** Rückl, S (University of Amsterdam)
- 1410 - 1430 **More than meets the eye. Integrating 3D symmetry analysis and surface macrotraces characterisation for investigating wheel-fashioning methods,** Revello Lami, M (University of Amsterdam); Opgenhaffen, L; Kisjes, I
- 1430 - 1530 **Discussion**



AM17 STEPPING STONES IN SUPER-REGIONAL NETWORKS. LANDING PLACES WITHIN THE MARITIME CULTURAL LANDSCAPE (C. 550-1500 AD)

MATHEMATICS BUILDING - ROOM 417

Chair: Dr. Sven Kalmring / **Organiser(s):** Dr. Sven Kalmring, Dr. Natascha Mehler, Dr. Mark Gardiner

- 0800 - 0810 **Introduction**
- 0810 - 0830 **From aristocratic market place to royal manor: Landing places at estuaries in South-Eastern Norway in a long term perspective from the Roman Period to the Middle Ages,** Maixner, B (Museum of Cultural History)
- 0830 - 0850 **Methods and approaches to investigate the elusive harbours in the North Atlantic (Faroe, Shetland, Iceland and Greenland),** Mehler, N (German Maritime Museum)

- 0850 - 0910 **Prospecting for Orkney's Maritime Heritage**, Sharman, P (ORCA Marine, UHI Archaeology Institute); Heath, K
- 0910 - 0930 **Inland Outports. Surveying Medieval landing sites at the gateway to Bruges**, Trachet, J (Ghent University); Delefortrie, S; Dombrecht, K; Leloup, W
- 0930 - 0950 **Ballast stones and the Hanze in Flanders. Scando-baltic erratic boulders in late-Medieval Flemish landing sites**, De Clercq, W (Ghent University); Dreesen, R
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The sons of Hjørulv and the boathouse at Lussabacken Norr**, Åstrand, J (Museiarkeologi Sydost)
- 1050 - 1110 **Rural Landing Places and Sea Structures in the Archipelago of Southern Fyn, Denmark. An Archaeological Approach to the Maritime Cultural Landscape**, Thomsen, C (University of Southern Denmark); Heide, P; Udum, O
- 1110 - 1130 **A material approach to interpreting landing places in the Bristol Channel**, Forward, A (English Heritage)
- 1130 - 1230 **Discussion**

Posters

"To travel to Øresund and elsewhere..." Fishing sites in the Øresund region in the Medieval Period, Steineke, M (Museum of Copenhagen)

Havsmarken on Ærø: The Millennial Haven, Baltzer Heide, P (The Archipelago Museum of Southern Denmark)

AM4 ARCHAEO TOURISM ON THE MOVE: DEVELOPING GUIDELINES FOR EUROPE

ALEXANDER STONE BUILDING - ROOM 204

Chair: Mrs. Annemarie Willems / **Organiser(s):** Mrs. Annemarie Willems, Dr. Cynthia Dunning Thierstein, Dr. Ben Thomas

0800 - 1000

Roundtable Discussants:

Archaeotourism and its Impact on Sites and Local Communities, Thomas, B (Archaeological Institute of America)

Alternative tourism guide in Cultural Heritage: proposals to European guidelines for archaeological tourism through the case of three World Heritage sites in Madrid, Spain, Castillo, A (Universidad Complutense de Madrid)

Mediating with the Cruise Liner industry, Gowen, M (EAA Board Member (Treasurer))

Managing Tourism at Archaeological Sites, Comer, D (ICOMOS International Committee on Archaeological Heritage Management)

Archaeotourism on the Move: Developing Guidelines for Europe, Willems, A (ArchaeoConcept); Dunning Thierstein, C

Archaeotourism on the Move: Developing Guidelines for Europe, Early, R (Oxford Archaeology)

AM6 CASTING A GLANCE OVER THE MOUNTAINS: ARCHAEOLOGICAL AND BIOGEOCHEMICAL APPROACHES TO THE UNDERSTANDING OF VERTICAL MOBILITY

BOYD ORR - ROOM 709

Chair: Dr. Claudia Gerling / **Organiser(s):** Dr. Claudia Gerling, Dr. Lucie Martin, Dr. Corina Knipper, Dr. Thomas Doppler

- 0800 - 0820 **Vertical mobility in the Swiss Alps. The alpine pass Schnidejoch and indications of early pastoralism**, Hafner, A (University of Bern); Schörer, C
- 0820 - 0840 **The origins of prehistoric alpine animal husbandry: Recent discoveries in the Silvretta range (Switzerland/Austria)**, Reitmaier, T (Archaeological Service of the Canton of Grisons)
- 0840 - 0900 **Isotope analysis of cattle remains from Swiss Neolithic lakeshore settlements as indicator for vertical mobility and seasonality in herding strategies**, Doppler, T (IPNA, University of Basel); Gerling, C; Schibler, J; Heyd, V; Knipper, C; Lehmann, M
- 0900 - 0920 **Palaeoenvironment and subsistence strategies of a hilltop settlement in the southern Swiss Alps during the Bronze and Iron Ages**, Della Casa, P (University of Zurich); Jacquat, C
- 0920 - 0940 **Vertical mobility and exploitation of plants resources during the Neolithic: two examples from the Northern French Alps and the Swiss Valais**, Martin, L (University of Geneva); Delhon, C; Dufraisse, A; Thiebault, S
- 0940 - 1000 **History of mountain pastures in the French Alps: a new**

insight provided by lake sediment DNA, Giguët-Covex, C (York University); Fouinat, L; Gielly, L; Jouffroi-Bapicot, I; Walsh, K; Mocci, F

Coffee break

- 1030 - 1050 **The mobility of the Bronze Age populations through the study of seasonal graves in the western Pyrenees (F)**, Courtaud, P (CNRS - Université de Bordeaux); Patrice, D; Convertini, F
- 1050 - 1110 **Herders in the mountains and farmers in the plains? A comparative evaluation of the archaeobiological record from Neolithic sites in the Iberian Pyrenees and the southern lower lands**, Antolín, F (Integrative Prehistory and Archaeological Science (IPNA/IPAS)); Navarrete, V; Saña, M; Gassiot, E
- 1110 - 1130 **Vertical mobility or hidden mountain farming? Archaeological and pollen evidence from lower mountain ranges**, Dreslerová, D (Institute of Archaeology Prague, ASCR); Kozáková, R
- 1130 - 1150 **Seasonal altitudinal movements of wild sheep in Kalavan -1 (Armenia): contribution to the model of seasonal occupation of the hunting camp site by Epigravettian communities**, Tornero, C (UMR 7209 CNRS/MNHN); Balasse, M; Adrian, B; Montoya, C
- 1150 - 1210 **Herd mobility along the Gorgan Wall and on the Alborz foothills during the Sasanian period (NE Iran)**, Mashkour, M (CNRS/ Muséum national d'Histoire naturelle); Shiva, S; Hopper, K; Fiorillo, D; Knipper, C; Sauer, E
- 1210 - 1230 **Upland and marine resource exploitation under the Inca Empire: the Caringa of Pueblo Viejo-Pucará, Peru**, Kolp-Godoy, M (Prehistoric Archaeology, Zurich University); Corina, K; Martha, P; Ana, F; Elizabeth, E

Posters

Herding sheep and goats in the Pyrenees mountains during Bronze Age: an osteological and isotopic study of faunal remains, Juliette, K (CNRS - Muséum National d'Histoire Naturelle); Jean-Denis, V; Marie, B

Seasonal Shepherds' Settlements in Mountain Areas from Neolithic to the Present: Aralar - Gipuzkoa (Basque Country, Spain), Agirre García, J (Arabako Arkeologia Museoa / Archaeological Museum of Álava); Mujika Alustiza, J; Edeso-Fito, J; Lopetegui-Galarraga, A; Moraza Barea, A

AM9 FROM DOTS ON A MAP TO LONG-TERM LINEAR STRUCTURES: TRACKS AND ROADS AS MEANS OF COMMUNICATION THROUGH TIME AND SPACE

BOYD ORR - LECTURE THEATRE B

Chair: Ms. Pernille Foss / **Organiser(s):** Ms. Pernille Foss, Ms. Jette Bang, Ms. Ingrid Smedstad

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Early routeways ('roads'): a neglected research frontier,** Fleming, A (independent researcher)
- 0830 - 0850 **The evolution of routeways: Using agent-based modelling to demonstrate movement as a cumulative phenomenon,** O' Brien, Y (National University of Ireland, Galway)
- 0850 - 0910 **Roads and tracks in archaeological research: an overview and some critical comments,** Guttormsen, T (Norwegian Institute for Cultural Heritage Research)
- 0910 - 0930 **Prehistoric highways; rivers as roads in prehistoric Lincolnshire and East Anglia,** Huisman, F (Durham University)
- 0930 - 0950 **Roads, antiquarian status and biological traces,** Stenqvist Millde, Y (County administrative board Uppsala)

Coffee break

- 1030 - 1050 **A different map: A Danish record of ancient roads and what the mapping revealed,** Bang, J (Danish Agency for Culture)
- 1050 - 1110 **What caused linear alignment of Neolithic burial monuments on the Jutland Peninsula?,** Johannsen, N (Aarhus University); Egeberg, T
- 1110 - 1130 **River crossings in Prehistoric time: the Skjern River example. Fords and mounds as indicator of communication,** Egeberg, T (Arkæologi Vestjylland)
- 1130 - 1150 **Roads, narrative movements, and communities: linking settlements during the Roman period in southwest England,** Ghisleni, L (University of Wisconsin–Milwaukee)
- 1150 - 1210 **Travel and Communication in Anglo-Saxon England,** Brookes, S (UCL)

Discussion

Lunch

- 1330 - 1350 **Two sections of the medieval water and overland route on the Volga-Baltic watershed,** Isanova, I (Institute of Archaeology RAS)
- 1350 - 1410 **Different epochs, different strongholds, same route,** Ciupercă, B (Prahova District Museum of History and Archaeology);

Magureanu, A

1410 - 1430 **The Way to the Hills: moving from farm to common without treading on others' toes**, Johnson, A (Manx National Heritage)

1430 - 1530 **Discussion**

Poster

New Road, Old Roads and People's life in Roman Dacia, between Apulum and Micia. Preventive Archaeology and GIS Data Integration, Simion, M (National History Museum of Romania); Vleja, D; Vasilescu, F

AR2 ADAPTIVE CYCLES IN ARCHAEOLOGY

JOHN MCINTYRE - ROOM 208

Chair: Dr. Marcel Bradtmöller / **Organiser(s):** Dr. Marcel Bradtmöller, Dr. Sonja Grimm, Dr. Julien Riel-Salvatore

0800 - 0810 **Introduction**

0810 - 0830 **Technological adaptive cycles between 90 and 51 ka at Pinnacle Point 5-6 (South Africa)**, Pereira, T (Interdisciplinary Center for Archaeology and Evolution of Human Behavior); Wilkins, J; Brown, K; Oestmo, S; Ranhorn, K; Schoville, B

0830 - 0850 **Adaptive cycles in human-environment interaction during the Late Pleistocene in central Portugal**, Haws, J (University of Louisville)

0850 - 0910 **Resilience, replacement and acculturation in the Mesolithic/ Neolithic transition: the case of Muge, central Portugal**, Bicho, N (ICArEHB - Universidade do Algarve); Cascalheira, J; Gonaçalves, C; Marreiros, J

0910 - 0930 **Adaptive cycles of the human occupation of Liguria during the Paleolithic**, Riel-Salvatore, J (Université de Montréal)

0930 - 0950 **Tempo and mode in human behavioural evolution**, Grimm, S (MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution)

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **Cultural Cycles in the Central European Neolithic**, Peters, R (Institute of Prehistoric Archaeology, University of Cologne); Zimmermann, A

1050 - 1110 **Adaptive Cycles and Resilience in Western Central European Neolithic Societies**, Gronenborn, D (Roemisch-Germanisches

- Zentralmuseum)
- 1110 - 1130 **Long-term socio-environmental dynamics and adaptive cycles in Cappadocia, Turkey during the Holocene**, Allcock, S (Bournemouth University)
- 1130 - 1150 **Flexibility versus Specialization - Complex Adaptive Behavioral Systems of Pleistocene Hunter-Gatherers in Northern Spain**, Solich, M (University of Cologne); Bradtmöller, M; Arrizabalaga, A; Calvo, A; Iriarte, M
- 1150 - 1210 **Panarchy and Cascades of Regime Change on the Prehistoric Texas Coastal Plain: A Hypothesis for the collapse of a 6000 year old hunter-gatherer ritual and mortuary complex**, Freeman, J (Utah State University); Hard, R; Mauldin, R
- 1210 - 1230 **Discussion**

Posters

Cross-scale adaptive behaviors during the Upper Paleolithic of Iberia: the example of Vale Boi (SW Portugal), Cascalheira, J (ICArEHB - University of Algarve); Bicho, N; Marreiros, J; Pereira, T

The rise and fall of palatial societies: synchronous diversity in Late Bronze Age Aegean, Weiberg, E (Archaeology and ancient history, Uppsala University)

Human ecological adaptive cycles and lithic technology variability during the Gravettian in Southern Iberia, Marreiros, J (ICArEHB); Bicho, N; Gibaja, J

Adaptation and resilience in Medieval European societies to seismic risk – An archaeological approach (Armedea project), Forlin, P (Dept. of Archaeology, Durham university); Gerrard, C

AR3 CROPLAND SHAPING: THE SPREAD, FUNCTION AND SOCIAL IMPLICATIONS OF FIELD SYSTEMS ACROSS EUROPE DURING PRE- AND PROTOHISTORY

JOSEPH BLACK - ROOM 408

Chair: Dr. Alessandro Vanzetti / **Organiser(s):** Dr. Alessandro Vanzetti, Dr. Stijn Arnoldussen, Dr. Mette Løvschal, Mr. David McOmish

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Growth and Change in the Prehistoric Landscape: The Mycenaean Terraces of Kalamianos**, Kvapil, L (Butler University)
- 0830 - 0850 **Testing Terraces: Investigating the Heavily Terraced**

Landscapes of Malta and Gozo, Bennett, J (University of Cambridge)

- 0850 - 0910 **Field systems in Italy, 3rd-1st millennium BCE**, Vanzetti, A (University of Rome La Sapienza)
- 0910 - 0930 **Field management at Gricignano d'Aversa - U.S. Navy (Southern Italy), ca. 3900 cal. BP: 3D analysis of the 60 ha-wide field system**, Saccoccio, F (La Sapienza, University of Rome)
- 0930 - 0950 **An Undiscovered County? Exploring the new field systems of the South Downs**, Eve, S (L - P : Archaeology)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Field work: GIS-based investigation of the later prehistoric coaxial landscapes of the Yorkshire Dales National Park, UK**, Brown, H (University of Bradford)
- 1050 - 1110 **The changing fieldscapes of Loughcrew: new insights from airborne lidar**, Roughley, C (University of Cambridge)
- 1110 - 1130 **Farming on the Edge: Towards an understanding of the first farming societies of Shetland**, Christie, C (University of Aberdeen)
- 1130 - 1150 **Filling in the landscape: late prehistoric landscape division in Northern Jutland**, Løvschal, M (Aarhus University); Vinter, M
- 1150 - 1210 **Spatial and temporal distribution of Estonian Prehistoric field systems: questions of continuity and change**, Kaldre, H (The University of Sheffield)
- 1210 - 1230 **Cereal cultivation in the Dutch Neolithic wetlands (c. 4300-4000 cal. BC). Research history, extend and societal relevance**, Raemaekers, D (University of Groningen - Groningen Institute of Archaeology)
- Lunch**
- 1330 - 1350 **Bronze Age fields: the dating and use-histories of Celtic fields in the Netherlands**, Arnoldussen, S (Groningen University / GIA)
- 1350 - 1410 **My home is my castle! Field systems and farms: rhythm and land appropriation during the Bronze Age in north-west France (2300-800 BC)**, Peake, R (Inrap)
- 1410 - 1430 **A sheep's eye view: land division, livestock and people**, Randall, C (Bournemouth University)
- 1430 - 1450 **Assessment of Chronology for Field Systems in England**, McOmish, D (English Heritage); Johnston, B
- 1450 - 1510 **Changing landscapes: socio-economic, political and climatic context of land organisation in 2nd and early 1st millennial southern Britain**, English, J (Sussex Archaeological Society)

1510 - 1530 **Discussion**

CA10 CULTURAL COMMUNICATION AND ARCHAEOLOGY

MATHEMATICS BUILDING - ROOM 203

Chair: Ms. Carol Ellick / **Organiser(s):** Ms. Carol Ellick, Hirofumi Kato

0800 - 0810 **Introduction**

0810 - 0830 **Communicating with Community: Adapting Communication Styles to the Community**, Watkins, J (Archaeological and Cultural Education Consultants)

0830 - 0850 **Grounding Communication for Maximum Effect**, Crain, C (LTG Associates, Inc.); Tashima, N

0850 - 0910 **Working together and making together**, Kato, H (Centre for Ainu & Indigenous Studies)

0910 - 0930 **Cultural Communications through Archaeology and Heritage in Hokkaido**, Okada, M (Hokkaido University Center for Ainu and Indigenous Studies)

0930 - 0950 **Over the Horizon and Beyond the Foreshore: Archaeology Outreach Across Cultures and Between Environments**, Stammitti, E (University of Edinburgh); Walshe, Sgt, D

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **Communicating the value of archaeology of the contemporary to skeptical publics**, Zimmerman, L (Indiana University-Purdue University Indianapolis (IUPUI))

1050 - 1110 **Communicating Stories through Objects and Actions**, Ellick, C (Archaeological and Cultural Education Consultants)

1110 - 1200 **Discussion**

CA11 ENGAGING THE PUBLIC WITH ARCHAEOLOGY THREATENED BY CLIMATE CHANGE

EAST QUAD LECTURE THEATRE

Chair: Dr. Tom Dawson / **Organiser(s):** Dr. Tom Dawson, Dr. Courtney Nimura, Dr. Marie-Yvane Daire, Dr. Elias Lopez-Romero

0800 - 0810 **Introduction**

0810 - 0830 **The Pocantico Statement on Climate Impacts and Cultural Heritage**, Dawson, T (University of St Andrews)

- 0830 - 0850 **Coastal erosion and Public Archaeology in Brittany (France): recent experiences from the Alert project**, Olmos Benlloch, P (Université de Rennes 1 - UMR 6566); López-Romero, E; Daire, M
- 0850 - 0910 **The Men and Women behind the MASC Project (Monitoring the Archaeology of Sligo's Coastline): Engaging local stakeholder groups to monitor vulnerable coastal archaeology in Ireland**, Bonsall, J (Institute of Technology Sligo); Moore, S
- 0910 - 0930 **CITIZAN (coastal and intertidal zone archaeological network): community recording and monitoring of vulnerable sites in England**, Ostrich, S (MOLA (Museum of London Archaeology))
- 0930 - 0950 **Archaeology, Art and Coastal Change**, Momber, G (Maritime Archaeology Trust); Tidbury, L
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Landscape and Cultural Change on the South Alligator River, Kakadu National Park, Northern Australia**, Brockwell, S (Australian National University); Carmichael, B
- 1050 - 1110 **Threatened Heritage and Community Archaeology on Alaska's North Slope**, Jensen, A (UIC Science LLC)
- 1110 - 1130 **Rousay, the Egypt of the North: the story from the sea**, Dockrill, S (Archaeological Sciences, University of Bradford); Bond, J
- 1130 - 1150 **Engaging the public to rescue information from eroding and destroyed coastal archaeological sites: the Guidoiro Areoso experience in NW Iberia**, Lopez-Romero, E (Durham University); Güimil-Fariña, A; Mañana-Borrazás, P; Vilaseco Vázquez, X
- 1150 - 1210 **Challenged by an archaeologically educated public in Wales**, Gerrard, C (National Trust)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Finding and Sharing Climate Stories with Cultural Heritage**, Rockman, M (U.S. National Park Service)
- 1350 - 1410 **Climate change and the preservation of archaeological sites in Greenland**, Hollesen, J (National Museum of Denmark); Matthiesen, H
- 1410 - 1430 **Indigenous Ranger Groups' capacity for the management of climate change impacts on heritage sites**, Carmichael, B (Charles Darwin University); Carmichael, B
- 1430 - 1450 **Gufuskálar: An eroding fishing station**, Pálsdóttir, L (Institute of Archaeology in Iceland)
- 1450 - 1510 **Communities and Coastal Heritage at Risk**, Dawson, T (University of St Andrews); Graham, E; Hambly, J

1510 - 1530 **Discussion**

CA15 MAKING (PUBLIC) ARCHAEOLOGY POLITICAL

ALEXANDER STONE BUILDING - ROOM 204

Chair: Jaime Almansa-Sanchez / **Organiser(s):** Jaime Almansa-Sanchez, Dr. Lorna Richardson

1330 - 1530

Roundtable Discussants:

The MAP (Making Archaeology Public) Project, Ciolek-Torello, R (Statistical Research, Inc.); Sebastian, L; Grenda, D

Archaeology in the World: Archaeology as a Contemporary and Global Political Activity, Carman, J (University of Birmingham)

Crossing borders: archaeology, politics and the power of place, Belford, P (Clwyd-Powys Archaeological Trust)

Who creates the public image of the Mesolithic? A discourse analysis investigating representations of the Mesolithic in Scandinavia, Ekblom, C (Uppsala University, Archaeology and ancient history)

CA18 POLITICAL STRATEGIES FOR THE EAA?

GREGORY BUILDING - LECTURE THEATRE (109)

Chair: Dr. Jean-Olivier Gransard-Desmond / **Organiser(s):** Dr. Jean-Olivier Gransard-Desmond, Prof. Raimund Karl

Roundtable Discussants:

0800 - 0805 **Introduction**, Gransard-Desmond J O (Arkéo Topia); Karl, R (Bangor University)

0805 - 0820 **Developing Political Strategies - the EAA and the New Business Model**, Hueglin, S (Newcastle University)

0820 - 0840 **Opportunities for the EAA in a changing political context**, Lodewijckx, M (Leuven University)

0840 - 0900 **What is good research in archaeology?**, Giesen, E (Inserm)

0900 - 0920 **Signing the Transparency Register**, Aitchison, K (Landward Research Ltd)

- 0920 - 0940 **Acting politically as an archaeological NGO - Recent strategies and experiences in Germany**, Scherzler, D (German Society for Pre- and Protohistory (DGUF); Siegmund, F (University of Düsseldorf)
- 0940 - 1000 **Representing Archaeology & Archaeologists - the respective roles of the EAA and the EAC**, Olivier, A (University College London, Institute of Archaeology)
- 1030 - 1200 **Discussion**
- 1200 - 1230 **Synthesis**

CA20 RE-FOCUSSING INTERPRETATION - FROM EXPERT TO INDIVIDUAL AND COMMUNITY VALUES

MATHS BUILDING - ROOM 214

Chair: Ms. Nicole Deufel / **Organiser:** Ms. Nicole Deufel; Mr. John Jameson

1330 - 1530

Rondtable Discussants:

Deufel, N (University College London); Jameson, J (ICOMOS ICIP)

CA21 REPORTING, PUBLICATION AND PUBLIC OUTREACH

ALEXANDER STONE BUILDING - ROOM 204

Chair: Miss. Victoria Donnelly / **Organiser(s):** Miss. Victoria Donnelly, Dr. Eva Skyllberg, Dr. Corina Bors

1030 - 1230

Roundtable Discussants

Archaeological reports and publications – who are the readers, and how do we reach them?, Skyllberg, E (Swedish National Heritage Board)

Archaeological Investigations an Grey Literature in England, Darvill, T (Bournemouth University, UK)

The digital archaeological reporting in Denmark and the experience of reporting to the general public, Petersen, S (Danish Agency for Culture)

INRAP: What publications for which public?, Hurard, S (INRAP)

The situation in Switzerland compared with neighboring regions of Germany and France, Hueglin, S (Newcastle University)

Grey literature and archaeology in England, Donnelly, V (University of Oxford)

CA24 SUSTAINABLE PRACTICES IN ARCHAEOLOGY

BOYD ORR - LECTURE THEATRE C

Chair: Mr. Krijn Boom / **Organiser(s):** Mr. Krijn Boom, Mr. David Barreiro, Mr. Rocío Varela-Pousa

0800 - 0810 **Introduction**

0810 - 0830 **Archaeology and Heritage on the road to Sustainability**, Boom, K (University of Leiden); Barreiro, D; Varela-Pousa, R

0830 - 0850 **Sustainability discourses in archaeological heritage management theory and practice**, Howard, S (University of Birmingham)

0850 - 0910 **What can we do with archaeology of Malta?**, Barreiro, D (Instituto de Ciencias del Patrimonio)

0910 - 0930 **Sustainable entrepreneurship in archaeology**, Varela-Pousa, R (instituto de Ciencias del Patrimonio)

0930 - 1000 **Discussion**

Coffee break

1030 - 1050 **Sustainable Preservation: Providing Socially Sustainable Economic Impacts**, Coben, L (Sustainable Preservation Initiative); Burtenshaw, P

1050 - 1110 **We all learn from each other – teaching archaeology for the future**, Synnestvedt, A (University of Gothenburg)

1110 - 1130 **“Your(s) Archaeology – Portraying your past”: a call for European citizens and new citizens**, Guermandi, M (Istituto Beni Culturali Regione Emilia Romagna); Antonella, S

1130 - 1150 **Twenty Years After: Community Attitudes and Perceptions of Archaeology**, Theodoroudi, E (Aristotle University of Thessaloniki); Kasvikis, K; Kotsakis, K

1150 - 1230 **Discussion**

CA27 WIKIPEDIA AND ARCHAEOLOGY

MATHEMATICS BUILDING 326

Chair: Dr. Leigh Stork / **Organiser(s):** Dr. Leigh Stork, Dr. Jeff Sanders, Mr. Alessandro Pintucci, Dr. Cara Jones

0800 - 0810

Roundtable Discussants:

Wikipedia and Archaeology, an introduction, Stork, L (University of Edinburgh)

CA29 COMMUNICATING ARCHAEOLOGY: GLOBAL MANAGEMENT AND INNOVATIVE INTERPRETATIONS

BOYD ORR - LECTURE THEATRE 2

Chair: Dan Henson / **Organiser:** Dan Henson

0800 - 0810

Introduction

0810 - 0830

Public archaeology, knowledge meetings and heritage ethics: comparing two cases from southern Africa, Fredriksen, P (Department of Archaeology, Conservation and History, University of Oslo); Jopela, A

0830 - 0850

Research vs Public Engagement: a US Perspective on Responsibility after 50 Years of Heritage Management, Lees, W (Florida Public Archaeology Network, University of West Florida); Scott-Ireton, D

0850 - 0910

Community initiatives for site protection: a case study from Northwest Argentina, Rhebergen, A (University of Glasgow)

0910 - 0930

Innovative archaeological measured survey: a creative visual tool to evidence and enhance perceptions of cultural significance, Ritchie, M (Forestry Commission Scotland)

0930 - 0950

Conception of past lives – dioramas in archaeology, Beusing, R (Romano Germanic Commission of the German Archaeological Institute)

0950 - 1000

Discussion

Coffee break

1030 - 1050

Communicating Epigraphy through Video: an analysis of a fieldwork, Ferraro, A (Sapienza - University of Rome)

1050 - 1110

Purple Engrams Wanted — Destiny's Cryptarch and Issues of Unethical Archaeological Behavior in Videogaming, Dennis, L (University of Central Florida)

- 1110 - 1130 **The Relationship Between and Influence of Television Documentary and Drama on the Understanding of the Past**, Montgomery, P (University of York)
- 1130 - 1150 **Failures of narrative in communicating archaeology**, Henson, D (University of York)
- 1150 - 1210 **Virtual Time Travel: Destination Caen Township**, Miller, A (University of St Andrews); McCaffery, J; Strickland, K; Vermehren, A
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Making Virtual History from Rescue Archaeology**, Miller, A (University of St Andrews); Kennedy, S; Oliver, I
- 1350 - 1410 **In the middle of everything – communicating Nya Lödöse**, Toreld, C (Bohusläns museum /Västarvet)
- 1410 - 1430 **Communicating Public Archaeology and Cultural Tourism: The Region of Elis (Greece) as case study**, Koutsios, A (TEI of Western Greece); Alexopoulou, E; Vigli, M
- 1430 - 1530 **Discussion**

Poster

Presenting Archaeology in Bitburg (Rhineland-Palatinate, Germany), Heimerl, F (Ludwig-Maximilians-University Munich)

CA9 COMMUNITY LED HERITAGE ACTION

JAMES WATT SOUTH - ROOM 361

Chair: Ms. Cara Jones / **Organiser(s):** Ms. Cara Jones, Mr. Ian Doyle, Ms. Ulla Lähdesmäki, Ms. Tuija-Liisa Soinen, Mr. Philip Richardson

0900 - 1230

Roundtable Discussants:

Community led heritage action – A Scottish perspective, Richardson, P (Archaeology Scotland); Jones, C

Uffington Heritage Watch: an archaeological Community Benefit Society, Godfrey, E (Uffington Heritage Watch)

Power to the People! Promoting Community Archaeology Schemes in Croatia, Mihelić, S (Archaeological Museum in Zagreb); Balen, J

Simplifying Information Dissemination in the Cultural Heritage Sector, Fabola, A

(University of St Andrews); Miller, A

Impact of Community Archaeology in Dorset, Roberts, H (Bournemouth University)
Insights from Ireland, Doyle, I (The Heritage Council of Ireland)

Cultural Heritage and Involving the Residents, Spång, L (Murberget Länsmuseum
Västernorrland)

Parish graveyards as arenas for active community involvement, Mytum, H (University
of Liverpool)

CC6 RETHINKING THE CELTS

HUMANITIES LECTURE THEATRE (G255)

Chair: Prof. John Collis / **Organiser(s):** Prof. John Collis, Prof. Timothy Taylor, Dr.
Oliver Nakoinz

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Rethinking the Celts: introduction**, Collis, J (University of
Sheffield (retired))
- 0830 - 0850 **Fundamentally flawed logic: the question of 'Celtic ethnicity'**,
Karl, R (Prifysgol Bangor University)
- 0850 - 0910 **Celts and Cargo Cult Science**, Nakoinz, O (Institute of Pre- and
Protohistory, Kiel University)
- 0910 - 0930 **Culture or social rank? The « celtic » affinities of the northern
Iberians**, Gorgues, A (University of Bordeaux Montaigne-UMR
5607 Ausonius)
- 0930 - 0950 **Urbanisation dynamics in Celtic Europe: from sites to
networks**, Filet, C (Paris 1 - Panthéon-Sorbonne)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Tracing Celtic identity: a geostatistical approach in multi-
ethnic societies of late Iron Age Emilia-Romagna (Italy)**, Kysela,
J (Institute for Classical Archaeology, Charles University in Prague);
Camurri, E; Lukas, D
- 1050 - 1110 **Beyond Celts: Nested identities in Iron Age Europe**, Fernandez-
Gotz, M (University of Edinburgh)
- 1110 - 1130 **The Last Days of Celts on Middle Danube – New Evidences**,
Hornak, M (VIA MAGNA s.r.o.); Zitanan, A
- 1130 - 1150 **Herodotus's peoples: relations of dependence**, Taylor, T

(Institute for Prehistoric and Historical Archaeology)
 1150 - 1210 **Beyond Ethnicity, Beyond Dacians. Group Identity and Statehood in the Late Iron Age of the Carpathian Basin**, Popa, C (Freie Universität Berlin)

1210 - 1230 **Discussion**

Poster

The Celts East of the Carpathians, Vorotinskaya, L (The State Hermitage Museum); Vorotinskaya, L

LV11 IN THE TRENCHES: ARCHAEOLOGY AND THE GREAT WAR

MATHEMATICS BUILDING - ROOM 516

Chair: Dr. Miroslav Vujovic / **Organiser(s):** Dr. Miroslav Vujovic, Dr. Jasna Vukovic, Dr. Rajna Sosic Klindzic

0800 - 0810 **Introduction**

0810 - 0830 **Archaeology in the Time of War: Archaeological Researches in the Kingdom of Romania during WW I**, Măndescu, D (Argeş County Museum)

0830 - 0850 **Wartime archaeology in the Ottoman Empire: two case studies of excavation projects carried out by occupation forces, 1915-1922**, Türkteki, S (Bilecik Şeyh Edebali University Archaeology Department)

0850 - 0910 **The Battles of Arsuf: The Great Offensives of the 3rd and Last Crusades**, Lewis, R (University of Haifa)

0910 - 0930 **Aerial Reconnaissance and Photography in the Middle East 1916-1918. The Australian, British and German Wartime Contributions to the Beginnings of Aerial Archaeology**, Kennedy, D (University of Western Australia/ University of Oxford)

0930 - 0950 **Aerial Archaeology and the First World War; teaching the headmaster to play marbles**, Bewley, R (Oxford University)

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **The Archaeologist, the Nurse, her Husband and the Officer: The Impact of the Great War on the Archaeological Research in Vinča, Serbia**, Vujovic, M (Department of Archaeology, Faculty of Philosophy, University of Belgrade); Vukovic, J

1050 - 1110 **How Croatian priest, Russian prisoners of war and US Navy**

- influenced Salona in WWI**, Sosic Klindzic, R (Department of Archaeology Faculty of Humanities and Social Sciences University of Zagreb); Lelekovic, T
- 1110 - 1130 **The bells fell silent - The role of Croatian archaeologists in saving church bells during WWI**, Solter, A (Archaeological museum in Zagreb)
- 1130 - 1150 **Remembrance of bloodland: between memory, archaeology and difficult heritage of Polish history**, Kurek, D (Institute of Archaeology, University of Rzeszów); Karski, K; Tokarczyk, T; Czarnik, M; Skowron, K
- 1150 - 1210 **Struggling in the trenches - Excavation of the late medieval town Nya Lödöse in the shadow of the Great War**, Ortman, O (The county museum of Bohuslän)
- 1210 - 1230 **Discussion**

LV12 INTEGRATING TEXTILE STUDIES INTO THE MAINSTREAM ARCHAEOLOGY/ ANTHROPOLOGY CURRICULUM

JAMES WATT SOUTH - ROOM 355

Chair: Dr. Isabella von Holstein / **Organiser(s):** Dr. Isabella von Holstein, Ms. Barbara Klessig

1330 - 1530

Roundtable Discussants:

The Research, Presentation and Teaching of Archaeological Textile in the Czech Republic, Brezinova, H (Institute of Archaeology CAS); Bravermanova, M

Archaeological textiles and teaching. Estonian experience, Rammo, R (University of Tartu)

How textile studies were introduced into university program in Toruń, Grupa, M (Instytut Archeologii UMK w Toruniu)

Teaching textile archaeology in the UK, Gleba, M (McDonald Institute for Archaeological Research, University of Cambridge)

Textile teaching by "hands on" method, Vajanto, K (University of Helsinki, Finland)

Chalk and talk versus hands-on seminar, Nutz, B (Institute for Archaeology, University of Innsbruck)

The Flax Project at UW-Green Bay: Engaging Undergraduate Humanities Students with Archaeological Textiles and Ancient Fibers, Sherman, H (University of Wisconsin Green Bay)

Experimental Archaeology Lab: Incorporating Experimental Archaeology Techniques into Textile Studies and Curriculum, Klessig, B (Humboldt State University)

Research on skills in academia. Experimental archaeology as a tool for teaching textile production (at the University of Warsaw), Ulanowska, A (Institute of Archaeology, University of Warsaw)

Double Dutch: thinking about archaeological textile research in the Netherlands, Joosten, I (Cultural Heritage Agency of the Netherlands (RCE)); Theunissen, L; Van Bommel, M

Shifting the perspective: making textile studies useful, Walton Rogers, P (The Anglo-Saxon Laboratory)



LV15 LARGE-SCALE MAPS IN ARCHAEOLOGY; BEYOND THE SEARCH FOR ANCIENT MONUMENTS

MATHEMATICS BUILDING 326

Chair: Dr. Ådel Vestbö Franzén / **Organiser(s):** Dr. Ådel Vestbö Franzén, Mrs. Moa Lorentzon, Mark Bowden

- 1030 - 1050 **'A striking picture of ancient times': critical analysis of historic maps**, Bowden, M (English Heritage); Herring, P
- 1050 - 1110 **Clearing and cultivation in outlying land ca 1100-1750. How the maps can help us understand the clearance cairns of Götaland**, Franzén, A (Jönköping County Museum)
- 1110 - 1130 **Historical maps – understanding past and present landscapes**, Connelid, P (Kula HB)
- 1130 - 1150 **To get the picture right -the necessity of a stratigraphic perspective on the archaeological source material**, Lorentzon, M (Jönköping County Museum)
- 1150 - 1210 **Historical maps of Israel/Palestine – The example of the Crusader lordship of Arsuf/Arsur**, Kenzler, H (University of Tübingen, Institute of Prehistory, Early History and Medieval Archaeology, Department of Medieval Archaeology)
- 1210 - 1230 **Discussion**

LV18 MEDITERRANEAN MOUNTAINOUS LANDSCAPES: HISTORICAL AGROSYSTEMS, IDENTITY AND HERITAGE

BOYD ORR - LECTURE THEATRE C

Chair: Prof. José María Martín Civantos / **Organiser(s):** Prof. José María Martín Civantos, Prof. Alexandra Chavarría Arnau

- 1330 - 1350 **Common lands, environmental resources management practices and conflicts: multidisciplinary perspectives on the study of the European mountain heritage**, Stagno, A (University of the Basque Country); Tigrino, V
- 1350 - 1410 **Pizzo Monaco: the formation of a new social landscape in Sicily (Italy)**, Martín Civantos, J (University of Granada); Bonet García, M; Corselli, R
- 1410 - 1430 **Seeding water up high in the mountains... Peasant productive logics in Sierra Nevada since the Islamic period (Granada-Almeria, Spain)**, Martín Civantos, J (University of Granada)
- 1430 - 1450 **Legacy and reflections in the historical landscape of the Upper River Vjosa Valley (SE Albania)**, Serjani, E (University of Granada); Miti, A
- 1450 - 1510 **Huts, dairies and ski-lifts: the history of an upland landscape in the Italian Maritimes Alps (16th - 20th century AD)**, Carrer, F (University of York)
- 1510 - 1530 **Archeology, landscape and hydraulic technology in the Euganean Hills and the plains of the south-east of Padua**, Sarabia Bautista, J (Università Degli Studi di Padova)

LV19 PHOTOGRAPHY AND ARCHAEOLOGY

MATHEMATICS BUILDING - ROOM 204

Chair: Dr. Lesley McFadyen / **Organiser(s):** Dr. Lesley McFadyen, Ms. Antonia Thomas, Ms. Joana Ferreira, Prof. Dan Hicks

- 0800 - 0810 **Introduction**
- 0810 - 0830 **We are all aerial archaeologists now: the ascent and descent of archaeology**, Aldred, O (RCAHMS)
- 0830 - 0850 **Disrupting archaeological photography; the temporality of recording a 1970s abandoned village**, Hale, A (RCAHMS/ University of Glasgow); Anderson, I
- 0850 - 0910 **Photographing Buildings**, Dixon, J (Museum of London Archaeology)

- 0910 - 0930 **Archaeological photographs and temporality: from time travel to timelessness**, Baird, J (Birkbeck College)
- 0930 - 0950 **At any given moment - archaeology and photography**, McFadyen, L (Birkbeck, University of London); Knight, M
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Between the medium and the metaphor: multiple temporalities in photography and archaeology**, Thomas, A (Archaeology Institute, UHI)
- 1050 - 1110 **Photography, Writing and "Fictionality"**, Gomes, S (Centro de Estudos de Arqueologia, Artes e Ciências do Património)
- 1110 - 1130 **Unrepeatable Experiments: Archaeological Photographs, Archives, and Lives**, Hicks, D (University of Oxford)
- 1130 - 1150 **'All the memory of the world'**, Alves - Ferreira, J (University of Porto)
- 1150 - 1210 **Photography and Intangible Heritage: The Archaeology of Images in Turkana, Northern Kenya**, Derbyshire, S (University of Oxford)
- 1210 - 1230 **The Antique Virtual: historical perspectives on aerial photography and virtual cartography**, Barber, M (English Heritage); Wickstead, H

Poster

The Aesthetics of Aerial Photographs in Archaeology, Brend, A (ORCA)

LV2 ARCHAEOLOGICAL SITES AS SPACE FOR MODERN SPIRITUAL PRACTICE

MATHEMATICS BUILDING - ROOM 214

Chair: Dr. Jutta Leskovar / **Organiser(s):** Dr. Jutta Leskovar, Prof. Raimund Karl

- 0800 - 0820 **Interpreting Atlantic Iberian hillforts outside Academic Archaeology: Local Peasant Folklore versus 'New Age' Pan-European Discourses**, González Álvarez, D (Universidad Complutense de Madrid)
- 0820 - 0840 **Tir Sanctaidd: Neo-Pagan engagement with Prehistoric sites on the Preseli Hills**, Gibby, D (Bangor University)
- 0840 - 0900 **Believers of the Earth and natural sacred sites in Estonia - how to combine archaeology and belief?**, Jonuks, T (Estonian Literary Museum)

- 0900 - 0920 **Neo-Paganism and (Cult-)Places**, Leskovar, J
(Oberösterreichisches Landesmuseum)
- 0920 - 0940 **Renegotiating Ritual 'Litter': The Coin as Modern-Day Deposit**,
Houlbrook, C (University of Manchester)
- 0940 - 1000 **The social context of archaeology in Romania: teaching field
methodology alongside an Orthodox holy site**, Hanscam, E
(Durham University)

LV21 SACRED PLACES, SACRED SPACES: LANDSCAPE TRANSFORMATION AND INHERITANCE

JAMES WATT SOUTH 375

Chair: Dr. Caron Newman / **Organiser(s):** Dr. Caron Newman, Ms. Vicky
Manolopoulou, Ms. Yasemin Özarlan

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Religion, Ritual, and the Roman rus: Temples, mausolea,
and necropoleis on late-antique villa estates**, Beckmann, S
(University of Pennsylvania)
- 0830 - 0850 **A diachronic approach to the Iron Age sacred places: their role
and their impact on the landscapes of southeast Spain**, Lopez-
Mondejar, L (University of Murcia)
- 0850 - 0910 **The Sacred Landscapes of Phrygia**, Özarlan, Y (Koç University)
- 0910 - 0930 **The Neo Assyrian Rock Reliefs: Virtual Settlements, Sacred
Places or Spaces at the Service of the Politics? Working
Towards a Comprehensive Geopolitical Vision**, Cipolla, M
(University of Rome "La Sapienza")
- 0930 - 0950 **Water as Mediator between the Quick and the Dead: Burying
in Water in Lithuania at the Age of Conversion to Christianity**,
Petrauskas, G (Vilnius University)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Underground Sacredness: Hypogean cult endurance from
prehistory to Christian era. A 'Focus' on the figure of Michael
the Archangel and on some case studies from Southern Italy**,
De Falco, M (Centro Regionale di Speleologia Enzo dei Medici /
Università degli Studi di Napoli L'Orientale); Larocca, F
- 1050 - 1110 **Streets as cultural spaces**, Manolopoulou, V (Newcastle
University)
- 1110 - 1130 **Embedded Sacred Spaces: the Valley of the Muses in the**

- Longue Durée**, Bintliff, J (Edinburgh University)
- 1130 - 1150 **Unlocking the sacred landscape of the early medieval Aegean**, Turner, S (Newcastle University)
- 1150 - 1210 **Landscapes of Power: Religious Lordship and Land-Use and Their Influence of the Landscape of Cumbria**, Newman, C (Newcastle University)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **The Landscape Legacy of Medieval Monasticism on Urban Development in Post Medieval North West England**, Newman, R (Newcastle University)
- 1350 - 1410 **A new dawn at Stonehenge: visitor management and protection of this iconic monument in the 21st century**, Sebire, H (English Heritage)
- 1410 - 1530 **Discussion**

Poster

Caves as ritualised spaces from the Iberian Iron Age until today, Machause López, S (Universitat de València)

LV24 SHAPING THE MIND THROUGH MATTER – COGNITIVE ARCHAEOLOGY TODAY

BOYD ORR - ROOM 709

Chair: Dr. Tomasz Gralak / **Organiser(s):** Dr. Tomasz Gralak, Dr. Aleksander Dzbyński

- 1330 - 1350 **Early mathematical concepts in prehistoric Europe at the interface between material culture, technology and metaphors**, Dzbynski, A (University of Zurich)
- 1350 - 1410 **In search of the hidden pattern. Remarks on the Bronze and early Iron Age hoards from Poland**, Slusarska, K (University of Gdansk)
- 1410 - 1430 **The architecture of the Hallstatt period in Silesia region**, Gralak, T (Institute of Archaeology of Wroclaw University)
- 1430 - 1450 **Worship of the Iasian Nymphs: Sacred Space, Ritual and Local Identities**, Misic, B (Champlain College Lennoxville)
- 1450 - 1510 **House typology revisited**, Beck, A (Museum Southeast Denmark/ Aarhus University)
- 1510 - 1530 **Cognition and Form - Mind and Matter**, Lindstrøm, T (University of Bergen); Lindstrøm, T; Zubrow, E

LV27 WAR, YOUR GRIM TUTOR: ENCOUNTERS WITH THE CULTURAL HERITAGE OF THE GREAT WAR 100 YEARS ON

MATHEMATICS BUILDING - ROOM 204

Chair: Dr. Tony Pollard / **Organiser(s):** Dr. Tony Pollard, Dr. Jennifer Novotny, Dr. Anthony Byledbal, Mr. André Schürger

- 1330 - 1340 **Introduction**
- 1340 - 1400 **The wartime underwater heritage of Scapa Flow, Orkney: responding to changing perceptions of significance and value,** Robertson, P (Historic Scotland)
- 1400 - 1420 **Digging in: Recreating a Great War Trench in Glasgow,** Pollard, T (University of Glasgow); Lelong, O
- 1420 - 1440 **Excavating Archives: Glasgow University's Great War Project,** Pollard, T (University of Glasgow); Novotny, J; Rankin, M
- 1440 - 1500 **Memory-shakers: Archaeologists and the Missing of the Great War,** Byledbal, A (Université d'Artois)
- 1500 - 1520 **First World War remembrance in Germany,** Schürger, A (University of Glasgow)
- 1520 - 1530 **Discussion**

LV3 ARCHAEOLOGY AT RURAL CROSSROADS; TOWARDS AN INTEGRATED APPROACH TO ARCHAEOLOGICAL HERITAGE MANAGEMENT

JAMES WATT SOUTH - ROOM 355

Chair: Mr. Jonathan Wordsworth / **Organiser(s):** Mr. Jonathan Wordsworth, Dr. Karl Cordemans

0900 - 1230

Roundtable Discussants:

Following in the wake of Canute: A perspective from the New Forest National Park, Green, F (New Forest National Park Authority)

Archaeology in High Nature Value landscapes - Opportunities and Challenges, Grant, C (Dept. of Arts, Heritage and the Gaeltacht)

The Rural Development Programme for England 2015-2020, Chadburn, A (Historic England); Holyoak, V

Archaeology at a Rural crossroads: towards an integrated approach to Archaeological Heritage Manage, Wordsworth, J (Archaeology Scotland)

Posters:

Lost legacies: the diminishing resource of Orkney's coastal heritage, Gibson, J (UHI); Gibson, J

Metal artefact decay and the burial environment: the effect of land use on buried heritage, Rowe, S (University of Huddersfield)

LV30 ARTISTIC LEGACIES

JOSEPH BLACK - ROOM 407

Chair: Dr. Sally Foster / **Organiser:** Dr. Sally Foster

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Art and Archaeology: a happy marriage?**, Valdez-Tullett, J (University of Southampton)
- 1400 - 1420 **Archaeology and History of Art: Different Methodologies for the Common Purpose: study of Russian arms and armor**, Zhilin, A (State Historical Museum)
- 1420 - 1440 **The stylistic unity between ornamentation of adornments from hoards and architectural white stone carving of Old Rus**, Zhilina, N (Institute of Archaeology RAS)
- 1440 - 1500 **Science dedicated to the study of archaeological textiles : the example of a workshop in Brandes-en-Oisans (12th-14th c, France) and Yakuts graves (18th-19th c, Siberia)**, Retournard, E (Université de Bourgogne, UMR 6298 ARTeHIS); Saunier, I
- 1500 - 1520 **Cultural Heritage in an interactive landscape**, Angeletaki, A (Norwegian University of Science and Technology); Benardou, A; Papaki, E
- 1520 - 1530 **Discussion**

Poster

Future Thinking on Carved Stones in Scotland, Foster, S (University of Stirling)

LV8 EXPLORING NEW TRENDS AND LOST(?) TRACKS IN LANDSCAPE ARCHAEOLOGY

MATHEMATICS BUILDING - ROOM 515

Chair: Prof. Thomas Meier / **Organiser(s):** Prof. Thomas Meier, Prof. Sjoerd Kluiving, Prof. Jan C.A. Kolen

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Historical geography as a lost track; the rise and fall of geographical research into the historic landscape**, Renes, H (Utrecht University)
- 0830 - 0850 **Rediscovering the Archaeological Terrain: The archaeological substance of "marginal" spaces**, Kolen, J (Faculty of Archaeology, Leiden University)
- 0850 - 0910 **Bronze Age ritual practice as environmental behavior**, Ballmer, A (UMR 8546 AOROC, École Normale Supérieure Paris)
- 0910 - 0930 **Foucaultian landscapes: Spatial materialisations of discourse**, Meier, T (Institute for Pre- and Protohistory)
- 0930 - 0950 **Territory of Archaeology, Archaeology of Territory: Memory and Resilience Serving Territorial Strategies for the Future**, Catteddu, I (INRAP)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Modelling Social Behaviour across the Landscape: the Case of East Rhodope**, Nenova, D (University College London (UCL))
- 1050 - 1110 **How geoarchaeology and landscape archaeology contribute to Human Niche Construction Theory (HNC)**, Kluiving, S (VU University Amsterdam)
- 1110 - 1130 **Geopedology meets Landscape Archaeology - Interdisciplinary Research on Man-Environment-Interactions in Open Cast Mines**, Raab, T (Brandenburg University of Technology); Raab, A; Schneider, A; Hirsch, F
- 1130 - 1150 **Legacy, Memory and Materiality: spatio-temporal complexity at Great Zimbabwe**, Sinclair, P (Archaeology and Ancient History)
- 1150 - 1230 **Discussion**

LV9 GONE....BUT NOT FORGOTTEN. FORGOTTEN....BUT NOT LONG GONE. MUNDANE MEMORIES, ARTIFICIAL AMNESIA AND TRANSFORMED TRADITIONS

BOYD ORR - LECTURE THEATRE E

Chair: Mr. Nicholas Wells / **Organiser(s):** Mr. Nicholas Wells, Dr. Joanna Pyzel, Dr. Catriona Gibson

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Still waters run deep**, Brown, F (Oxford archaeology)
- 0830 - 0850 **Memories on the Landscape or the need to make meaning of things**, Valdez-Tullett, J (University of Southampton)
- 0850 - 0910 **From monumental to mundane? A discussion of post-Bronze Age uses of rock art sites in southern Scandinavia**, Nilsson, P (Stockholm University/National Historical Museums)
- 0910 - 0930 **Manipulating Memory. Inventing ancestors and house foundations practices in the Early Chalcolithic in the Polish Lowlands**, Pyzel, J (University of Gdansk); Czerniak, L
- 0930 - 0950 **Building on the past: an examination of the concept of memory in the context of prehistoric Orkney**, Downes, J (University of the Highlands and Islands)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Out-of-Time but not Out-of-Place: Commemorating and Forgetting Traditions through Metalwork in the Bronze Age of Southern Britain**, Knight, M (University of Exeter)
- 1050 - 1110 **Shadows of the past illuminated then darkening once more: remembering and forgetting in the British Bronze Age**, Gibson, C (University of Wales)
- 1110 - 1130 **Forgetting and Remembering in the Late Bronze Age and Early Iron Age of Southern Britain: Personhood, Identity and Ancestors**, Davies, A (Cardiff University)
- 1130 - 1150 **Forgiven but not forgotten, Remembered but not believed: Souterrains, Brochs, and the (memory-) making of Iron Age Orkney**, Carruthers, M (Archaeology Institute: University of the Highlands & Islands)
- 1150 - 1210 **Late Iron Age Mnemonics at Broxmouth, SE Scotland**, Maxwell, M (Digital Design Studio, Glasgow School of Art); Buster, L
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Memories nurtured by the hands, relinquished in the earth:**

the significance of landscape, movement and materiality to everyday practices of remembering and forgetting in Iron Age and Romano-British rural settlements, Chadwick, A (University of Leicester)

- 1350 - 1410 **Doors wide shut**, Stoger, H (University of Leiden)
- 1410 - 1430 **À la recherche des lieux perdusa remembrance of forgotten places; late Roman hoards and memory**, Wells, N (Independent Researcher)
- 1430 - 1450 **Cultural heritage: re-cycle vs preservation**, Menziatti, G (School of Architecture and Design)
- 1450 - 1510 **The Budeč Stronghold, a place of collective memory and amnesia**, Tomanova, P (Institute of Archaeology of Academy of Sciences of the Czech Republic)
- 1510 - 1530 **We will never forget the day we lost our memory**, Brown, D (English Heritage)

RI13 HUMAN REMAINS IN CAVES: RECONFIGURING IDENTITIES

BOYD ORR - LECTURE THEATRE D

Chair: Dr. Lindsey Büster / **Organiser(s):** Dr. Lindsey Büster, Prof. Eugène Warmenbol

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Healing the rift with shells: new results from Ofnet cave**, Orschiedt, J (Freie Universität Berlin); Hofmann, D; Schulting, R
- 0830 - 0850 **Buried in a cave – Mesolithic and Neolithic human remains from the Blätterhöhle at Hagen, Germany**, Orschiedt, J (Dep Prehistoric Archaeology, Free University Berlin); Bollongino, R; Burger, J; Nehlich, O
- 0850 - 0910 **Journeys into the Dark**, Peterson, R (University of Central Lancashire)
- 0910 - 0930 **Collective cave-burials in the Late Neolithic of Southern Belgium: a status quaestionis**, Warmenbol, E (Univerite Libre de Bruxelles)
- 0930 - 0950 **The Funerary Use of Caves in Prehistoric and Protohistoric Calabria (Italy). From Isolated Burials to Hypogean Graveyards**, Larocca, F (Università degli Studi di Bari Aldo Moro, Centro Regionale di Speleologia Enzo dei Medici); De Falco, M
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Mortuary choices and taphonomic processes in the Seulo caves, Sardinia**, Skeates, R (Department of Archaeology, Durham)

- University); Beckett, J; Gradoli, G
- 1050 - 1110 **Grotta della Monaca (Calabria, Italy): a mine that became graveyard**, Larocca, F (University of Bari-Missione di ricerca speleo archeologica); Arena, F
- 1110 - 1130 **Bronze Age Cavemen in Southern Belgium: abandoned, buried or sacrificed?**, Warmenbol, E (Univerite Libre de Bruxelles)
- 1130 - 1150 **A Late Bronze Age mortuary complex on the Moray Firth: The Covesea Caves, NE Scotland**, Büster, L (University of Bradford); Armit, I; Castells Navarro, L; Buckberry, J
- 1150 - 1210 **Going Underground: Life, death and shifting perceptions of subterranean sites in North Yorkshire from the Early Neolithic to Roman times**, Leach, S (University of Exeter)
- 1210 - 1230 **Cutmarks of human remains from the shire of Cueva del Sapo (Valencia, Spain): example of the diversity of funerary rituals in Iberian Iron Age**, Machause López, S (University of Valencia)
- Lunch**
- 1330 - 1350 **The Protohistoric “Quicklime Burials” From the Balearic Islands**, De Mulder, G (Department of Archeaeology, Ghent university); Van Strydonck, M; Ramis, D
- 1350 - 1410 **“Rock-cut burials along the Upper Yangzi River: Identifying local cave-making practices”**, Wei, L (School of Oriental and African Studies)
- 1410 - 1430 **Buried with his bow and arrows: The exceptional grave of a 14th century warrior in Tsagaan Khad cave, Gobi desert, Mongolia**, Piezonka, H (German Archaeological Institute, Eurasia Department); Ahrens, B; Nomguunsuren, G
- 1430 - 1450 **Human remains and artefacts from caves in the lower mountain range of Upper Franconia in Northern Bavaria, Germany**, Burgdorf, P (University of Bamberg)
- 1450 - 1510 **Shadows of the Past: Contextualising Human Remains in Caves across the British Isles during the 1st millennia BC and AD (c.800 BC-800 AD)**, Wilford, S (Durham University)
- 1510 - 1530 **Discussion**

RI18 MARGINAL ARCHAEOLOGIES/ARCHAEOLOGIES OF MARGINS

BOYD ORR - LECTURE THEATRE A

Chair: Dr. Jessica Smyth / **Organiser(s):** Dr. Jessica Smyth, Dr. Laura McAtackney, Dr. Panagiota Pantzou

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Sailortown, Belfast Northern Ireland. An Irish coastal community explored**, Thomas, L (Queen's University, Belfast)
- 0830 - 0850 **Central peripheries; Loyalist archaeologies on the South Shore of Nova Scotia**, Puzey-Broomhead, P (University of Oxford)
- 0850 - 0910 **Ephemera, memory and the (nearly) forgotten past: graffiti at Kilmainham Gaol, Dublin**, McAtackney, L (University College Dublin)
- 0910 - 0930 **Flints in graves from Pre-Roman and Roman influence period in Poland as an example of overlooked research material in archaeology**, Kroczyńska, A (University of Gdansk)
- 0930 - 0950 **Borderland Theory and Historic Identities: Analysis of Portable Antiquities from the Anglo-Scottish Border, 1066-1400**, Steingraber, A (University of York)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **'Recent monuments' in Greece. A study of marginality**, Pantzou, N (University of Patras)
- 1050 - 1110 **Arabia Deserta ? Archaeological Research and Heritage Management in the Kingdom of Saudi Arabia**, Aksoy, O (UCL)
- 1110 - 1130 **The Bennachie Colony: contextualizing marginality at a 19th-century informal community in rural Scotland**, Oliver, J (University of Aberdeen)
- 1130 - 1150 **Life on the margins: examining animals in the Irish Neolithic using proteins**, Smyth, J (University of Bristol); Buckley, M
- 1150 - 1210 **On the edge of town: 'wastelands' and mega events**, Gardner, J (UCL Institute of Archaeology)
- 1210 - 1230 **Discussion**

Posters

Notes in the margin: everyday life in central and peripheral Gothenburg, Nilsen, A (Department of Historical Studies, University of Gothenburg); Hjertman, M

Switzerland : from rejection, to lack of materiel culture, Liboutet, M (Etat de Vaud)

Eastern Carpathians depressions in the second Iron Age. The Eastern margins of the Celtic expansion, Savu, L (Institutul de Arhelogie "Vasile Pârvan" București)

Old-dated conflicts. Gaps and focus in archaeological research, Vidal, A (INAPL)



RI19 MARGINALIZATION IN EUROPE'S NORTHERN PERIPHERY 800-1600 AD

BOYD ORR - LECTURE THEATRE A

Chair: Prof. Orri Vésteinsson / **Organiser(s):** Prof. Orri Vésteinsson, Dr. Ingrid Mainland

- 1330 - 1350 **Mechanisms of marginalisation. The North Atlantic from boom to bust?**, Vésteinsson, O (University of Iceland)
- 1350 - 1410 **The Northern Trade - an Alternative to Local Iron Production**, Jørgensen, R (Tromsø University Museum, UiT-The Arctic University of Norway)
- 1410 - 1430 **Herding economies, sustainability and resilience in Viking and Norse Orkney**, Mainland, I (University of the Highlands and Islands); Batey, C; Griffiths, D; Ascough, P
- 1430 - 1450 **Between marginalization and dynamics on the rural edge. An example from western Sweden**, Svensson, E (Institution of Environmental and Life sciences Karlstad university); Pettersson, S
- 1450 - 1510 **The "Burgundian" Hat from Herjolfsnes, Greenland: new discoveries, new data**, Smith, M (Brown University); Arneborg, J; Smith, K
- 1510 - 1530 **Transformations of the coastal economy in northern Norway from the Viking Age through the medieval period: Marginalization or enhanced self-determination?**, Wickler, S (University of Tromsø)

RI22 OPERATIONALIZING HYBRIDIZATION IN THE MEDITERRANEAN. A MULTISCALAR APPROACH ON MATERIAL CULTURE DURING THE BRONZE AND IRON AGES.

KELVIN BUILDING - ROOM 222

Chair: Miss. Francesca Chelazzi / **Organiser(s):** Miss. Francesca Chelazzi, Miss. Angela Massafra, Prof. Peter Van Dommelen

- 0800 - 0810 **Introduction**
- 0810 - 0830 **"King of Sumer and Akkad": two entities under the same king. Interpreting the cultural identity of the Neosumerian kingdom**, Casadei, E (Sapienza University of Rome)
- 0830 - 0850 **For an archaeology of hybridization in Southern Palestine: pottery, material connections and identity in the Late Bronze Age**, Massafra, A (University of Glasgow)
- 0850 - 0910 **Egyptian Jewelry in the Southern Levant: traces of 'hybridization' at Deir el-Balah?**, Tucci, G ("Sapienza" University of Rome)
- 0910 - 0930 **Scarab in a jar: Egyptian and hybridised amulets in Early Iron Age Knossian and Tyrian funerary context**, Antoniadis, V (Academy of Athens (Research Collaborator))
- 0930 - 0950 **Cyprus in the Bronze Age - A 'Cultural Conglomerate'?**, Heil, F (Ludwig Maximilian University of Munich, Graduate School Distant Worlds)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Conceptualizing hybridization: the case of the iconography of the Mistress of Animals in the Eastern Mediterranean of the 2nd millennium B.C.**, Cinquatti, A (UCL Institute of Archaeology)
- 1050 - 1110 **The transformation of Taweret into the Minoan Genius - Conceptualizing hybridity and alterity**, Kuch, N (University of Vienna, Institute for Egyptology)
- 1110 - 1130 **Wine vs porridge: gender, power and cultural entanglements in colonial Mediterranean archaeology**, Delgado, A (Universitat Pompeu Fabra)
- 1130 - 1150 **Approaching hybridation through the Iron Age sacred landscapes: cult places, material culture and socio-political processes in the Iberian southeast**, Lopez-Mondejar, L (University of Murcia)
- 1150 - 1210 **On postcolonial hybridity: limits and contributions to the Western Mediterranean Early Iron Age**, Marin-Aguilera, B (Universiteit Gent)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Overcoming colonial perspectives: cultural encounters in the archaic Cyrenaica**, Gönster, Y (Leopold-Franzens-University of Innsbruck)
- 1350 - 1410 **Detecting the structure of multicultural societies through the analysis of hybridization process**, Perra, C (Museo Archeologico)

Villa Sulcis, Carbonia (Italy))

- 1410 - 1430 **Identity Transformation Among Late Iron Age Indigenous Sicilian Populations**, Balco, W (Northern Illinois University)
- 1430 - 1450 **Biological versus constructed identities? Re-evaluating hybridization in the colonial contexts of Southern Italy**, Saltini Semerari, G (Eberhard Karls Universität Tübingen); Rathmann, H
- 1450 - 1530 **Discussion**

Poster

The Nature of the Beast – Understanding Sacred and Secular Iconography in the Late Bronze Age ‘International Style’?, Vigar, R (University College London)



RI23 PATHWAYS TO POWER IN IRON AGE/EARLY MEDIEVAL NORTHERN EUROPE

JOSEPH BLACK - ROOM 504

Chair: Dr. Gordon Noble / **Organiser(s):** Dr. Gordon Noble, Dr. John Ljungkvist, Dr. Álvaro Carvajal Castro, Dr. Patrick Gleeson, Dr. Jan Henrik Fallgren

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Elite territoriality and the development of early medieval states: a comparative approach to Ireland and NW Iberia**, Carvajal Castro, A (UCD School of Archaeology)
- 0830 - 0850 **Animals and the rise of Kingship in northern Europe. Sacral kingship and the role of animals in early medieval power relations**, Noble, G (University of Aberdeen)
- 0850 - 0910 **Making Kingdoms and Creating Communities in the 1st millennium AD: re-framing Rulership and Governance in the Irish Sea region**, Gleeson, P (NUI, Galway)
- 0910 - 0930 **North by Northwest: agrarian landscapes as power strategies in Early Medieval Galicia (NW Iberia)**, Criado-Boado, F (Institute of Heritage Sciences (Incipit), Spanish National Research Council (CSIC)); Sánchez-Pardo, J; Ballesteros-Arias, P
- 0930 - 0950 **Manifesting power - the creation of monumental Gamla Uppsala**, Ljungkvist, J (Department of archaeology and ancient history, Uppsala University)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Landscape Agency and the Materialisation of Power in Viking Age Iceland**, Milek, K (University of Aberdeen)

- 1050 - 1110 **Early Medieval Lordship, Hierarchies and Field-Systems,**
Fallgren, J (Department of Archaeology, King's College, University of
Aberdeen.)
- 1110 - 1230 **Discussion**



RI26 RELIGION AND THE GRAMMAR OF DEFENCE IN EARLY MEDIEVAL POWER CENTRES

MATHEMATICS BUILDING - ROOM 516

Chair: Dr. Adrian Maldonado / **Organiser(s):** Dr. Adrian Maldonado, Dr. Patrick Gleeson, Mr. Russell Ó Ríagáin, Dr. Andy Seaman

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Hillforts and Christianity in early medieval Scotland,**
Maldonado, A (University of Chester)
- 1400 - 1420 **Defended Settlements and Religion in Early Medieval Wales,**
Seaman, A (Canterbury Christ Church University)
- 1420 - 1440 **Fortifying symbolism in early medieval Ireland: exploring
cosmology within hillforts and royal centres,** Gleeson, P (NUI,
Galway)
- 1440 - 1500 **Reconsidering Enclosed Lowland Power Centres in Early
Medieval Scotland: Monastery, Civitas or Palace?,** O'Grady, O
(OJT Heritage)
- 1500 - 1530 **Discussion**



RI28 STONE ACROSS TIME AND SPACE: NEGOTIATING IDENTITY THROUGH THE USE AND RE-USE OF CARVED STONE IN NORTH-WESTERN EUROPE 400 TO 1400 AD

JOSEPH BLACK 407

Chair: Dr. Victoria Whitworth / **Organiser(s):** Dr. Victoria Whitworth, Ms. Anouk Busset

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Christian carved stones from north-western Europe:
comparing Scotland, Ireland and Sweden,** Busset, A (University
of Glasgow / Université de Lausanne)
- 0830 - 0850 **How Old is the Davoch? Symbol Stones and Medieval Land
Organization in Pictish Speyside,** Thickpenny, C (University of
Glasgow)

- 0850 - 0910 **Stones and people: Viking Age picture stones from the island of Gotland, Sweden**, Andreeff, A (Department of Archaeology and Ancient History, Uppsala University)
- 0910 - 0930 **Stone and identity in early medieval Northumbria**, Petts, D (Durham University)
- 0930 - 0950 **The Creation and Recreation of the Govan Hogbacked Tombs**, Whitworth, V (Centre for Nordic Studies, University of the Highlands and Islands)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Crossing the seas: sourcing stone in early medieval Iona**, Maldonado, A (University of Chester)
- 1050 - 1110 **Commemoration and the power of place: grave monuments and social identities in late medieval England**, McClain, A (University of York)
- 1110 - 1230 **Discussion**

RI30 THE CONTENTIOUS OF HERITAGE: CONSTRUCTION AND RE-CONSTRUCTION OF IDENTITIES

JAMES WATT SOUTH - ROOM 361

Chair: Mr. Veysel Apaydin / **Organiser(s):** Mr. Veysel Apaydin, Mr. Veysel Apaydin, Mr. John Jameson

1330 - 1530

Roundtable Discussants:

The Contentious of Heritage: Politics and Identity, Apaydin, V (UCL); Apaydin, V

To whom did Devín belong? The site on the border of cultures, Válová, K (Institute of Archaeology of the Academy of Sciences, Prague)

Connecting Heritage Identities: The Case of Hasankeyf and Ilisu Dam, Aydinoglugil, B (University College London, Institute of Archaeology)

Making Byzantium Understood: Re-Interpretation, Representation, and Valorisation of Byzantine Archaeological Heritage in Turkey, Serin, U (Middle East Technical University (METU))

The preservation of Lithuania's medieval archaeological heritage in situ: local experience in global contexts, Kuncevičius, A (Vilnius university); Laužikas, R

RI33 UNRAVELING EPISTEMOLOGIES OF IDENTIFICATION AND IDENTITY-MAKING IN PREHISTORY

JOSEPH BLACK 419

Chair: Dr. Emily Miller Bonney / **Organiser(s):** Dr. Emily Miller Bonney, Dr. James Johnson

- 0800 - 0810 **Introduction**
- 0810 - 0830 **The Creation of Aggregate Identities in Prehistoric Archaeology**, Vejby, M (Santa Rosa Junior College)
- 0830 - 0850 **Humans vs. Institutions: re-thinking the ontology and epistemology of identity**, Ribeiro, A (Graduate School of Human Development in Landscape)
- 0850 - 0910 **The Social Psychology of Identification and the Archaeology of Communities**, Lulewicz, J (University of Georgia)
- 0910 - 0930 **"What's in a name?" Cultural entities and group identities in the Neolithic of south-east Europe**, Stratton, S (Cardiff University)
- 0930 - 0950 **Parietal art in the formation of community identities: Epistemological perspectives on late Neolithic cliff paintings as territorial boundaries in Finland**, Niskanen, K (University of Oulu)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Identity Formation through Ritual Practice in Late Bronze Age Ireland**, Leonard, K (National University of Ireland, Galway)
- 1050 - 1110 **Power, Visuality, and Community Identity in the European Iron Age**, Johnson, J (University of Wisconsin-Oshkosh)
- 1110 - 1130 **Identities versus typological entities. Re-dimensioning the role of facies in Italian Bronze Age narratives**, Danckers, J (University of Leuven - Research Group Archaeology)
- 1130 - 1150 **What Others Can See: variability, style, and community in Late Neolithic Northern Greece**, Silva, T (Demokritos University of Thrace); Urem-Kotsou, D; Kotsakis, K; Chondrogianni-Metoki, A; Kotsos, S
- 1150 - 1210 **Moving Beyond Myth**, Miller Bonney, E (California State University Fullerton)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Was the Late Cycladic I settlement of Akrotiri (Thera) a colony of Crete or was it an independent urban centre of the Aegean?**

- Towards an interpretation of the cultural identity of the Late Bronze Age Cycladic city, through a survey of the finds**, Kriga, D (Athens University (Adjunct Lecturer in a Lifelong Education Program)
- 1350 - 1410 **Agamemnon's Neighbors - Expressions of Local Identities in the Mycenaean Core Area**, Schallin, A (University of Gothenburg)
- 1410 - 1430 **Peripheral Identities**, Feuer, B (California State University, Dominguez Hills)
- 1430 - 1530 **Discussion**

RI36 RECONFIGURING IDENTITIES IN CHILDHOOD

GREGORY BUILDING - LECTURE THEATRE (109)

Chair: Mario Novak / **Organiser:** Mario Novak

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Invisible Roman breastfeeding: male power and affect**, Centlivres Challet, C (Lausanne University)
- 1400 - 1420 **Forgotten children - A comparative assessment of subadult health in early medieval Ireland and Croatia**, Novak, M (University College Dublin); Pinhasi, R; Šlaus, M
- 1420 - 1440 **Exploring juvenile funerary identities in the modern period**, Anthony, S (Lund University)
- 1440 - 1530 **Discussion**

Poster

The archaeology of motherhood in Bronze Age Europe, Rebay-Salisbury, K (Austrian Academy of Sciences)

RI37 APPROACHING IDENTITY THROUGH BURIAL

BOYD ORR - LECTURE THEATRE 1

Chair: Dr. Cecilia Rossi / **Organiser:** Dr Cecilia Rossi

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Identity & Symbol - The phenomenon of miniature swords and warrior identity in the Younger Bronze Age**, Notroff, J (German Archaeological Institute)
- 0830 - 0850 **The Pit-Grave (Yamnaya) Culture of the Volga-Ural Interfluvium: Problems of the Chronology and Specific Features**

- Development of the Economy**, Morgunova, N (Orenburg State Pedagogical University); Krivosheeva, N
- 0850 - 0910 **Reconfiguring Marginal Identities of the Deviant Dead: Decapitation Practice in the Romano-British Period**, Christie, S (University of Wisconsin-Milwaukee); Christie, S
- 0910 - 0930 **Organization and topography of early medieval burials in southern Switzerland**, Andretta, A (university of bern); Lösch, S; Enböther, C; Marti, R
- 0930 - 0950 **More than broken pottery - A particular funerary custom in the Early Medieval Upper-Rhine Region**, Rindlisbacher, L (Integrative Prehistory and Archaeological Science, Basel University, Switzerland); Marti, R; Pichler, S
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Defining identities: the Lombards' society in Pannonia**, Codromaz, F (Università degli Studi di Trieste- dipartimento di Studi Umanistici)
- 1050 - 1110 **Earliest Christian burials in Estonia**, Kurisoo, T (Tallinn University/Centre for Baltic and Scandinavian Archaeology (ZBSA))
- 1110 - 1230 **Discussion**

Posters

An Egyptian Elite Burial from the 3rd Intermediate Period (Buto), Hower-Tilmann, E (Department of Physical Anthropology, Institute of Legal Medicine, Bern University, Switzerland); Lösch, S; Zink, A; Hartung, U

Social Structure of Volga-Ural Interfluvial Pit-Grave Culture, Faizullin, A (Orenburg State Pedagogical University)

Domum servavit, lanam fecit. Textile tools in Roman burial practices: social inferences and ideological meaning of a funerary gesture. Results from the research in Gallia Narbonensis (South-eastern France), Rossi, C (Université Aix-Marseille - Centre Camille Jullian)

The Cemeteries of the Novo-Devichi and New Jerusalem Monasteries and its Finds, Beliaev, L (Institute of Archaeology of Russian Academy of Sciences); Grigorian, S; Shuliaev, S

Cathedral of the Transfiguration of Tver. The Temple and the Necropolis of XIII – XVII cc, Beliaev, L (Institute of Archaeology of Russian Academy of Sciences); Khokhlov, A; Mednikova, M

RI6 CONSUMPTION PREFERENCES AND AGRICULTURAL CHOICES: AN ECONOMIC APPROACH TO IDENTITY IN ARCHAEOBOTANY

MATHEMATICS BUILDING - ROOM 325

Chair: Dr. Jutta Lechterbeck / **Organiser(s):** Dr. Jutta Lechterbeck, Dr. Tim Kerig, Dr. Julian Wiethold

- 0810 - 0820 **Introduction 1 - Consumption Preferences: An Economic Approach**, Kerig, T (University of Cologne)
- 0820 - 0830 **Introduction 2 - Agricultural choices: identity in archaeobotany**, Lechterbeck, J (Landesamt für Denkmalpflege Baden-Württemberg)
- 0830 - 0850 **Agricultural choices and cultural group affiliation**, Shennan, S
- 0850 - 0910 **"You are what You Eat" – Food and Cultural Identity in Tel Bet Yerah**, Berger, A (University College London)
- 0910 - 0930 **The exotic or the everyday? The cereal crop preferences of Iron Age societies in SW Scotland**, Robertson, J (AOC Archaeology)
- 0930 - 0950 **Chalcolithic crop preferences and agricultural practices on the Anatolian plateau: combining inferences from archaeobotany and stable isotope analysis**, Stroud, E (Institute of Archaeology, University of Oxford); Pickard, C
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Agricultural Choices and Consumption Preferences in Chalcolithic and Bronze Age South-Eastern Spain**, Stika, H (Institute of Botany); Heiss, A
- 1050 - 1110 **A new spin on fibre revolution: plants, textiles and technology in the ancient Mediterranean**, Gleba, M (McDonald Institute for Archaeological Research, University of Cambridge); Harris, S
- 1110 - 1230 **Discussion**

Posters

Agricultural choices in medieval rural societies: driven by environmental factors or depending on social hierarchies? Examples from the Lorraine region in eastern France, Wiethold, J (Institut national des recherches archéologiques préventives (Inrap))

The using of the plants during the XIV-XVIII century in the north France, Desiderio, a (INRAP)

Plant choices and consumption preferences of the Eneolithic community from Sultana-Malu Roșu tell settlement (Romania), Golea, M (National History Museum of Romania); Stavrescu-Bedivan, M; Sandu, R; Lazar, C

A preference for millet and broad bean? Archaeobotanical evidence from Bronze and Iron Age Croatia (ca. 2400 to 100 cal BC), Kalafatić, H (Institut za arheologiju)

SA10 ISOTOPES TO FARMSCAPES

KELVIN BUILDING – ROOM 257

Chair: Dr. Ingrid Mainland / **Organiser(s):** Dr. Ingrid Mainland, Dr. Phillipa Ascough, Dr. Anthony Newton, Marie Balasse

- 0800 - 0810 **Introduction**
- 0810 - 0830 **From modern to ancient farming 'isoscapes': combining present-day crop isotope and arable weed surveys in order to reconstruct past agrosystems**, Bogaard, A (School of Archaeology, University of Oxford); Nitsch, E; Styring, A; Hodgson, J
- 0830 - 0850 **Fertilization practices on crop cultivation systems in the North-Eastern Gaul: contribution of stable isotope analysis of archaeobotanical and archaeozoological remains**, Aguilera, M (École Pratique des Hautes Études); Balasse, M; Zech-Matterne, V; Lepetz, S
- 0850 - 0910 **Identifying sheep transhumance and mobility - lessons from an isotopic study of known modern analogues**, Montgomery, J (Durham University); Towers, J; Evans, J
- 0910 - 0930 **Ewe are what ewe eat: modern and medieval geographic patterns in sheep wool light stable isotopic composition**, von Holstein, I (Christian Albrechts University, Kiel)
- 0930 - 0950 **The Nature of Regional and International Exchange in Medieval Iceland: Gásir and its Hinterlands**, Harrison, R (City University of New York - Hunter College); Ascough, P
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The application of Pb isotopes as a cultural fingerprint in human migration studies**, Evans, J (British Geological Survey); Pashley, V; Loe, L
- 1050 - 1110 **Reassessing the Diet and Timing of the Mesolithic-Neolithic transition in West Scotland**, Bownes, J (SUERC, University of Glasgow); Ascough, P; Cook, G; Murray, I

- 1110 - 1130 **Isoscapes of the Scottish North Atlantic Islands: Animal management in liminal environments**, Jones, J (Universidad de Cantabria); Mulville, J
- 1130 - 1150 **Foddering the feasts: Investigating pig husbandry and herd management at Late Neolithic feasting centres in southern Britain**, Madgwick, R (Cardiff University); Lamb, A; Evans, J
- 1150 - 1210 **Shedding Light on British Neolithic Cattle Husbandry Through Faunal Dietary Analysis**, Keenan, E (Texas State University)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Investigating Domestic Animal Management in Early Neolithic Sweden**, Gron, K (Durham University)
- 1350 - 1410 **The application of multi-isotopic analysis to reconstruct animal management in Neolithic Switzerland**, Gerling, C (IPNA/IPAS); Doppler, T; Schibler, J; Heyd, V; Knipper, C; Lehmann, M
- 1410 - 1430 **The dairying revolution in temperate Neolithic Europe – an integrated approach**, Smyth, J (University of Bristol); Gillis, R; Roffet-Salque, M; Evershed, R
- 1430 - 1450 **A Grain of Truth: Evaluating dietary reconstructions and interpretations in central Eurasian populations**, Ventresca Miller, A (Kiel University); Makarewicz, C
- 1450 - 1530 **Discussion**

SA14 NEW APPROACHES TO METALS TRADE AND PEOPLE MOBILITY: INTEGRATING SCIENTIFIC DATA WITH ARCHAEOLOGICAL THEORY

JOHN MCINTYRE – ROOM 201

Chair: Dr. Xosé-Lois Armada / **Organiser(s):** Dr. Xosé-Lois Armada, Dr. Mike Charlton, Dr. Mercedes Murillo-Barroso, Dr. Thomas Oliver Pryce

- 0800 - 0820 **New approaches in interpreting metallurgical data of early Egypt**, Białobrzecka, D (Institute of Archaeology of the Jagiellonian University)
- 0820 - 0840 **Tracing the metal Networks in the 5th Millennium BC Balkans**, Radivojevic, M (UCL Institute of Archaeology); Grujic, J
- 0840 - 0900 **Metal artefacts circulation in the Eneolithic period from Southeastern Romania. A case study**, Darie, A (National Museum of Romanian History); Niculescu, G; Georgescu, M; Lazar, C
- 0900 - 0920 **Transmission of Technological Knowledge vs Technological**

Innovation in Iberia, Murillo-Barroso, M (UCL-Institute of Archaeology)

0920 - 0940 **Mechanisms of choice – The provenance of tin and its social implications**, Nessel, B (University of Heidelberg); Pernicka, E; Brüggmann, G; Berger, D; Frank, C

0940 - 1000 **The role of pre-Norsemen in trade and exchange of commodities in Bronze Age Europe**, Ling, J (Department of Historical Studies, Archaeology, University of Gothenburg); Stos-Gale, Z; Melheim, A; Hjärthner- Holdar, E

Coffee break

1030 - 1050 **Behind the arrows on the map: A Nordic view on the Bronze Age trade in metals**, Melheim, L (University of Oslo, The Museum of Cultural History)

1050 - 1110 **Morphometric approaches to palstave typologies in Middle Bronze Age Britain**, Kaleta, R (University College London)

1110 - 1130 **Atlantic Late Bronze Age metal hoards compared: Exploring new paths for the archaeological study of interaction and connectivity**, Armada, X (University College London)

1130 - 1150 **Exploitation and circulation of metals in the Priorat area (Tarragona, Spain), 2500-600 BC: archaeometry and contextualization**, Rafel, N (University of Lleida); Soriano, I; Armada, X

1150 - 1210 **Iron production and distribution networks in pre-industrial Britain: models and evaluation**, Charlton, M (UCL Institute of Archaeology); Charlton, M

1210 - 1230 **Discussion**

Poster

Lead Isotope and Elemental Characterization of Roman Lead from Archaeological Contexts in Portugal, Sousa Gomes, S (Centro de Ciências e Tecnologias Nucleares (C2TN), Instituto Superior Técnico - Universidade de Lisboa); Araújo, M; Monge Soares, A; H. Correia, V

SA18 SCIENCE AND ARCHAEOLOGY: ISOTOPIC APPROACHES

JOHN MCINTYRE – ROOM 208

Chair: Dr. Michael Buckley / **Organiser:** Dr. Michael Buckley

1330 - 1340 **Introduction**

1340 - 1400 **Baseline Data for Irish Paleomobility Research: a Radiogenic**

- Strontium Isotope Study Using Archaeological Human, Faunal and Modern Plant Remains**, Daly, N (University College Cork, Ireland)
- 1400 - 1420 **Stable isotope analyses confirming the fat/protein rich diet of a 17th century Northern Finnish vicar, Nikolaus Rungius**, Väre, T (University of Oulu, Archeology); Núñez, M; Arosén, N; Eriksson, G; Niskanen, M; Lipkin, S
- 1420 - 1440 **Unlocking information from morphologically-unidentifiable faunal remains using large-scale collagen fingerprinting analyses**, Buckley, M (The University of Manchester)
- 1440 - 1530 **Discussion**

Poster

A possible case of a stillborn child in the Roman settlement Studen Petinesca, Switzerland – An interdisciplinary project applying stable isotope analysis and tooth histology, Siebke, I (Centre for Anatomy and Human Identification, University of Dundee, Scotland); Moghaddam, N

SA25 SCIENCE AND ARCHAEOLOGY: PEOPLE AND PLACES

JAMES WATT SOUTH - ROOM 354

Chair: Dr. Louise Loe / **Organiser:** Dr. Louise Loe

- 0800 - 0810 **Introduction**
- 0810 - 0830 **'Hard' Science and the interpretation of A Viking Age Mass Grave on Ridgeway Hill, Weymouth, Dorset**, Loe, L (Oxford Archaeology); Boyle, A; Webb, H; Evans, J; Chenery, C; Score, D
- 0830 - 0850 **The People of Eboracum: a biocultural assessment of health status in a Romano-British town**, McIntyre, L (Elmet Archaeological Services Ltd)
- 0850 - 0910 **Genetic data as silver bullet to solve archaeological doubts? What genetic can tell us about human past**, Conselvan, F (University of Vienna/Institut für Mittelalter Forschung, Österreichische Akademie der Wissenschaft)
- 0910 - 0930 **Quantitative data on the distribution and control of the water of Rome's Anio Novus aqueduct**, Keenan-Jones, D (University of Glasgow); Motta, D; Garcia, M; Fouke, B
- 0930 - 0950 **Humanising the Staffordshire Hoard- What can organic remains tell us about the Anglo Saxons?**, McElhinney, P (Birmingham Museums Trust)

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **Integrating spatial and palaeoenvironmental approaches to land-use in medieval Ireland**, Corcoran, M (University College Dublin)

1050 - 1110 **Topography in preventive archaeology: operating mode integrated into GIS and archaeological information system**, Vachon, V (INRAP); Frederic, A

1110 - 1130 **Ethical and efficient management of science in archeology**, Giesen, E (Inserm)

1130 - 1230 **Discussion**

Poster

Landscape and subsistence at Ibida Fortress (Dobrudja, Romania): zooarchaeological data, Bejenaru, L (Alexandru Ioan Cuza University of Iasi); Stanc, S; Iacob, M

SA26 SCIENCE AND ARCHAEOLOGY: EARTH, WIND AND FIRE AND RESIDUES

KELVIN BUILDING - ROOM 312

Chair: Gill Campbell / **Organiser:** Gill Campbell

0800 - 0810 **Introduction**

0810 - 0830 **Footsteps round the fires: geoarchaeological approaches to understanding Neolithic structures at the Ness of Brodgar, Orkney, Scotland**, McKenzie, J (University of Bradford); Card, N

0830 - 0850 **Aragonite in archaeological contexts: a new micro-proxy in the study of ancient pyrotechnology**, Toffolo, M (Institut für Naturwissenschaftliche Archäologie, Eberhard-Karls-Universität Tübingen)

0850 - 0910 **Archaeometallurgy from the Bottom-up: Introducing Thermodynamics to Archaeology**, Sabatini, B (University of Oxford)

0910 - 0930 **Modeling Ancient Climate of the Near East: Disaster or Opportunity?**, Scott Cummings, L (PaleoResearch Institute)

0930 - 0950 **Agency of places**, Prijatelj, A (Durham University)

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **Geological, hydrogeological and geotechnical characteristics of Basarabi (Murfatlar) archaeological monument**, Turcanu-

- Carutiu, D (Constanta "Ovidius" University); Opreanu, M; Ion, R; Ion, R
- 1050 - 1110 **Reconstructing Household Behavior and connections: Organic Residue Analysis and the content of Vessels at Late Bronze Tel Azeqah**, Linares, V (Tel Aviv University)
- 1110 - 1130 **Soil microbiology methods for identification of ancient manuring**, Chernysheva, E (Institute of Physicochemical and Biological Problems in Soil Science Russian Academy of Sciences)
- 1130 - 1230 **Discussion**

Posters

A tale of two technologies: Cucuteni painted and shell tempered pottery from Eastern Romania, Matau, F (Alexandru Ioan Cuza University of Iasi)

Preliminary findings in determining seasonal shellfishing patterns at Pinnacle Point, South Africa, during the Later Stone Age, Nelson-Viljoen, C (School of History, Classics and Archaeology. University of Edinburgh)

Towards the understanding of the paleodiet of Ukrainian populations from the 4th to the 2nd mill. BC: Carbon isotope analysis of organic residues recorded in ceramic vessels, Mileto, S (Freie Universität); Kaiser, E; Evershed, R; Rassamakin, Y

The future of science in Historic England and the English Heritage Trust, Campbell, G (Historic England); Moffett, L

Scientific Analysis of Medieval Window Glass in Scotland - Elgin Cathedral, Spencer, H (Heriot Watt University); Kennedy, C; Buckman, J

Economic resources in Chalcolithic society: bioarchaeological study concerning the Cucuteni site of Costesti (Iasi County, Romania), Bejenaru, L (Alexandru Ioan Cuza University of Iasi); Danu, M; Stanc, S

SA9 EXPLORING THE PRODUCTION AND CONSUMPTION OF FERMENTED BEVERAGES AND FOODS IN PRE- AND PROTOHISTORIC COMMUNITIES

GRAHAM KERR BUILDING – ROOM 224

Chair: Ms. Shira Gur-Arieh / **Organiser(s):** Ms. Shira Gur-Arieh, Dr. Domingo Carlos Salazar Garcia, Prof. Cynthia Debono Spiteri

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Malt and beer: the role of malt in the production of beer and a discussion of the archaeological evidence for malting and brewing in the Neolithic**, Dineley, M
- 0830 - 0850 **Wild Beer: The prehistory of fermented beverages in Britain**, Horn, J (University of Edinburgh)
- 0850 - 0910 **The use of wine in funerary contexts in pre-Roman Italy (VIII s.-IVe s. BC): évidence from organic analyses**, Dodinet, E (AOROC ENS-Ulm); Frère, D; Garnier, N
- 0910 - 0930 **A Drink by the Waterfront: Organic residue analysis of ceramic material from the tell-site of Százhalombatta-Földvár**, Karlsson, C (Uppsala University)
- 0930 - 0950 **Consideration about the use of *Vitis vinifera* in the Eneolithic period from Balkans**, Golea, M (National History Museum of Romania); Lazar, C; Stavrescu-Bedivan, M; Sandu, R
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 ***Saccharomyces cerevisiae* Fermentation Effects on Pollen: Archaeological Implications**, Dozier, C (Texas A&M University)
- 1050 - 1110 **Wine consumption at Difesa San Biagio (Montescaglioso, Matera, Sothern Italy)**, Pecci, A (ERAAUB, Universitat de Barcelona); Roubis, D
- 1110 - 1130 **Beer Brewing in Early Bronze Age Mesopotamia: Combining Sumerian Texts with Experimental Food Chemistry**, Sallaberger, W (LMU München); Zarnkow, M
- 1130 - 1150 **Wine before Dionysos: a new approach for the sure structural identification of wine residues in archeological artefacts**, Garnier, N (SAS Laboratoire Nicolas Garnier); Valamoti, S
- 1150 - 1210 **Insights into the history of viticulture from ancient DNA**, Runge, A (University of Copenhagen); Wales, N
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Brewing up the Past: Residue Analysis of a Reconstructed**

- Fermented Beverage**, Rex, J (Durham University)
- 1350 - 1410 **Exploring the recipes of beer and cereal beverages: an integrated approach combining study of historical texts, experimental archaeology, and organic analyses**, Ledouble, N (Centre Archéologique du Var); Nicolas, G; Frère, D
- 1410 - 1430 **Beer and Mead from Early Iron Age Southern Germany as well as Malt Finds from Late Medieval Berlin**, Stika, H (Institute of Botany)
- 1430 - 1530 **Discussion**

OUTSTANDING SCHOLARSHIP FROM CAMBRIDGE

**Ancient Teotihuacan
Early Urbanism in Central
Mexico**George L. Cowgill
Case Studies in Early Societies**The Archaeology
of Malta****From the Neolithic through
the Roman Period**Claudia Sagona
Cambridge World Archaeology**Clay in the Age
of Bronze****Essays in the Archaeology of
Prehistoric Creativity**

Joanna Sofaer

**The Archaeology of
South Asia****From the Indus to Asoka,
c.6500 BCE-200 CE**Robin Coningham,
Ruth Young
Cambridge World Archaeology**Knowledge and
Power in Prehistoric
Societies****Orality, Memory, and the
Transmission of Culture**

Lynne Kelly

**The Art and
Archaeology of
Ancient Greece**

Judith M. Barringer

**Rural Lives and
Landscapes in
Late Byzantium
Art, Archaeology, and
Ethnography**

Sharon E. J. Gerstel

**The Cambridge Prehistory
of the Bronze and Iron
Age Mediterranean**Edited by A. Bernard Knapp,
Peter van Dommelen**The Archaeology
of Early China
From Prehistory to the
Han Dynasty**

Gideon Shelach-Lavi

**The Survival of
Easter Island
Dwindling Resources and
Cultural Resilience**Jan J. Boersema,
Translated by Diane Webb

Curaçao, November 5–7, 2015

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SATURDAY

5TH SEPTEMBER 2015

Saturday 5th September

	Room	8:00	10.30	13:30	16:00		
Boyd Orr Building	Lecture Theatre 1	SA2	3D Cultural Heritage: Scientific Applications and Communication Mediums	SA2	3D Cultural Heritage: Scientific Applications and Communication Mediums	SA2	3D Cultural Heritage: Scientific Applications and Communication Mediums
	Lecture Theatre 2	LV16	Understanding and Managing the Urban and Rural	LV16	Understanding and Managing the Urban and Rural	LV16	Understanding and Managing the Urban and Rural
	Lecture Theatre A	AR4	Interpreting the Archaeological Record: Material studies	AR4	Interpreting the Archaeological Record: Material studies	RI15	Identities in Construction: Reconsidering the Late Neolithic to Early Bronze Age Transition in Western Europe
	Lecture Theatre B	AR7	Moving the house posts: mobility and permanence in (pre-)historic dwelling, farming and resource management	AR7	Moving the house posts: mobility and permanence in (pre-)historic dwelling, farming and resource management	RI16	Intangible Cultural Heritage and Archaeological Studies of Social Identity
	Lecture Theatre C	RI1	At home in the Neolithic: Understanding diversity in Neolithic houses and households	RI1	At home in the Neolithic: Understanding diversity in Neolithic houses and households	RI1	At home in the Neolithic: Understanding diversity in Neolithic houses and households
	Lecture Theatre D	RI2	Battlefield archaeology: exploring the materialities of conflict	RI2	Battlefield archaeology: exploring the materialities of conflict	CC7	Wetland settlement; understanding the motivation behind living out on the water
	Lecture Theatre E	CA19	Re-defining Authenticity in the Age of 3D Digital Reproductions	CA19	Re-defining Authenticity in the Age of 3D Digital Reproductions	CA19	Re-defining Authenticity in the Age of 3D Digital Reproductions
	709	CA14	Living History, Open Air Museums and the Public	CA14	Living History, Open Air Museums and the Public	AM1	A Bronze Age materiality beyond bronzes: tools, technology and ideas

Maths Building

203	AR8	Network Science in Archaeology: Challenges and Opportunities	AR8	Network Science in Archaeology: Challenges and Opportunities	CA4	Clusters of Knowledge Production: Conversation and Creation of Knowledge in Archaeology	CA4	Clusters of Knowledge Production: Conversation and Creation of Knowledge in Archaeology
204	AR14	Translating values of the past: how can we compensate for impacted heritage?	AR14	Translating values of the past: how can we compensate for impacted heritage?	AM12	Islands and archipelagos in European Prehistory: navigation cradles and sea-routes junction	AM12	Islands and archipelagos in European Prehistory: navigation cradles and sea-routes junction
325	AM13	Lost in Space, or The Inbetweeners: Theorising Movement, Meshworks and Materialities in the Past	AM13	Lost in Space, or The Inbetweeners: Theorising Movement, Meshworks and Materialities in the Past	AM13	Lost in Space, or The Inbetweeners: Theorising Movement, Meshworks and Materialities in the Past		
326	RI32	The farm as a social arena	RI32	The farm as a social arena	RI31	The control and management of burial in Christian cemeteries	RI31	The control and management of burial in Christian cemeteries
416	AM11	Historical Transhumance in Europe: finding common ground in marginal landscapes	AM11	Historical Transhumance in Europe: finding common ground in marginal landscapes	AM11	Historical Transhumance in Europe: finding common ground in marginal landscapes	AM11	Historical Transhumance in Europe: finding common ground in marginal landscapes
417	LV10	grafitti archaeologists!	LV10	grafitti archaeologists!	LV20	Prospection mapping: from sites to landscape investigations in Europe	LV20	Prospection mapping: from sites to landscape investigations in Europe
515	AM2	African mobilities	AM2	African mobilities	CA7	Communicating Archaeology: Education and teaching		
516	AM7	Dark Heritage – the Archaeology of Internment and Forced War-time Migration	AM7	Dark Heritage – the Archaeology of Internment and Forced War-time Migration	LV4	Climate Change and Heritage Management: Measuring and Monitoring the Impacts of Future Climate and Environmental Change on the Historic Environment and Cultural Resources	LV4	Climate Change and Heritage Management: Measuring and Monitoring the Impacts of Future Climate and Environmental Change on the Historic Environment and Cultural Resources

Maths Building	214	AM5	Bridging scales: Local to global perspectives on mobility, interaction, and transmission in the first millennium AD	LV7	Environmental humanism, Community Landscapes and Heritage Studies				
Joseph Black Building	408	LV14	Landscape legacies in World Heritage Sites – recording for management and conservation	LV14	Landscape legacies in World Heritage Sites – recording for management and conservation	LV5	Conditioned pasts: On the sociopolitical dimensions of current archaeologies	LV5	Conditioned pasts: On the sociopolitical dimensions of current archaeologies
	407	RI20	Medieval royal centres, the heritage of power and national identity	RI20	Medieval royal centres, the heritage of power and national identity	RI35	Regional and Conceptual Approaches to Identities	RI35	Regional and Conceptual Approaches to Identities
	504	SA5	Climate and Society in the ancient Near East: new palaeoclimate and palaeoenvironmental reconstructions, climate model simulations, and archaeological implications	SA5	Climate and Society in the ancient Near East: new palaeoclimate and palaeoenvironmental reconstructions, climate model simulations, and archaeological implications	AR17	Interpreting the Archaeological Record: Problems in Later Prehistory	AR17	Interpreting the Archaeological Record: Problems in Later Prehistory
John McIntyre Building	201	AR5	Life on the edge? Comparative approaches to marginal and peripheral landscapes	AR5	Life on the edge? Comparative approaches to marginal and peripheral landscapes				
	208	CC4	Mapping the Enclosed Sites of Later Prehistoric Europe	RI17	Interpretation of multiple identities in archaeological contexts	LV25	The legacies of Nazi archaeology and their impact on contemporary prehistoric research	LV25	The legacies of Nazi archaeology and their impact on contemporary prehistoric research
Kelvin Building	222	RI38	Gender and Power Structures in the Mediterranean Past	RI38	Gender and Power Structures in the Mediterranean Past	RI8	Defining Sex and Power: Gender, Sexuality, and Hierarchies in Ancient Mediterranean Material Culture (AGE Session)	RI8	Defining Sex and Power: Gender, Sexuality, and Hierarchies in Ancient Mediterranean Material Culture (AGE Session)

Kelvin Building	257	SA16	Recycling things and ideas: Linking scientific, archaeological and conceptual approaches to the reuse of materials in the past	SA16	Recycling things and ideas: Linking scientific, archaeological and conceptual approaches to the reuse of materials in the past	SA15	Quantitative and qualitative approaches to prehistoric warfare	SA15	Quantitative and qualitative approaches to prehistoric warfare
	312	SA23	The social context of metallurgy: material and identity	SA23	The social context of metallurgy: material and identity	SA13	Metallurgical crafts in the 1st Millenium AD Europe: technology and practices	SA13	Metallurgical crafts in the 1st Millenium AD Europe: technology and practices
Graham Kerr Building	224	AR19	Interpreting the Archaeological Record: Medieval to Modern	AR19	Interpreting the Archaeological Record: Medieval to Modern	AR19	Interpreting the Archaeological Record: Medieval to Modern		
James Watt South Building	354	AR15	Interpreting the Archaeological Record: Theory and Practice	AR15	Interpreting the Archaeological Record: Theory and Practice				
	375	RI5	bronze age turning points	RI5	bronze age turning points	RI5	bronze age turning points	RI5	bronze age turning points
	355	RI27	Similar objects, similar meanings? Material culture and the formation of identity in urban and rural areas of Northern Europe AD 1200-1700	RI27	Similar objects, similar meanings? Material culture and the formation of identity in urban and rural areas of Northern Europe AD 1200-1700	AM23	Materiality and Mobility	AM23	Materiality and Mobility
	361	LV1	Analogue/Digital: Productive Tensions in Materiality and Archaeology	LV13	Is archaeology still the project of nation-states?	AR13	Terminology in funerary archaeology		

East Quad Lecture Theatre	Lecture Theatre	LV17	managing the archaeology of dams	LV17	managing the archaeology of dams	LV17	managing the archaeology of dams		
Humanities Lecture Theatre	G255	SA17	Remote sensing, multimodal solutions and quantitative methods in heritage management	SA17	Remote sensing, multimodal solutions and quantitative methods in heritage management				
Gilbert Scott Building	G466	RI14	Identities at War: Conflict, material culture and social discourse during medieval and early modern Europe	RI14	Identities at War: Conflict, material culture and social discourse during medieval and early modern Europe	SA4	Climate and Settlement in Mountain Environments	SA4	Climate and Settlement in Mountain Environments

Gregory Building	Lecture Theatre (109)	RI9	Diffusion and transformation of burial practices in the Italian Peninsula. Investigating the connections between funerary customs in Europe and the Mediterranean during the Bronze Age and the Early Iron Age	RI9	Diffusion and transformation of burial practices in the Italian Peninsula. Investigating the connections between funerary customs in Europe and the Mediterranean during the Bronze Age and the Early Iron Age	LV28	What's in a story? Is oral history a valuable tool for the future archaeologist's toolkit?	LV28	What's in a story? Is oral history a valuable tool for the future archaeologist's toolkit?
Alexander Stone Building	204	AR12	Substantial benefit or neutral impact: whither European Environmental Impact Assessments?	CA1	European Archaeology? Past reality, practical agenda, or political banner?				

AM1 A BRONZE AGE MATERIALITY BEYOND BRONZES: TOOLS, TECHNOLOGY AND IDEAS

BOYD ORR - ROOM 709

Chair: Dr. Joakim Goldhahn / **Organiser(s):** Dr. Joakim Goldhahn, Dr. Johanna Brück, Dr. Catherine Frieman, Dr. Anders Högberg

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Inalienable objects of the European Bronze Age**, Ó Maoldúin, R (NUI Galway)
- 1400 - 1420 **The social role of non-metal 'valuables' in Late Bronze Age Britain**, Bruck, J (University of Bristol); Davis, A
- 1420 - 1440 **Bronze Age gold work in Atlantic and Nordic Europe**, Armbruster, B (CNRS)
- 1440 - 1500 **Dressed in Tin - An Early Bronze Age Woman's Burial with Tin Beads from Bavaria**, Metzner-Nebelsick, C (Institut fuer Vor-u.fruehgeschichtliche Archaeologie u. Provinzialroemische Archaeologie); Massy, K
- 1500 - 1520 **Centres for Textile Production in the European Bronze Age?**, Bergerbrant, S (Department of Historical Studies); Sabatini, S; Frei, K
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Functionality and Circulation of the Quadrilobed Wietenberg Vessels. A case study: the Pianu de Jos – Lunca Pârâului Bronze Age Site in Transylvania**, Voicu, M (Vasile Pârvan Institute of Archaeology)
- 1620 - 1640 **Between a rock and a hard place: Bronze Age technological specialisation through a different lens**, Frieman, C (Australian National University); Högberg, A
- 1640 - 1700 **How valuable were these bronzes anyway? - from the frontier of Bronze diffusion on the Korean peninsula**, Shoda, S (University of York); Son, J
- 1700 - 1720 **The Life and Death of Soapstone in the North European Bronze Age**, Goldhahn, J (School of Cultural Sciences)
- 1720 - 1740 **Maritime havens in Neolithic to Bronze Age Scotland**, Bradley, R (University of Reading)
- 1740 - 1800 **Discussion**

Poster

Where many paths and errands meet: Cultural and religious perspectives on Bronze Age long-distance interaction and trade networks, Forsgren, M (Independent Scholar, Master of Arts)



AM11 HISTORICAL TRANSHUMANCE IN EUROPE: FINDING COMMON GROUND IN MARGINAL LANDSCAPES

MATHEMATICS BUILDING - ROOM 416

Chair: Mr. Eugene Costello / **Organiser(s):** Mr. Eugene Costello, Dr. Mark Gardiner, Prof. Eva Svensson

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Social life in the upland landscapes – A case-study of a deserted medieval farm and its surroundings**, Nesset, T (University Museum of Bergen)
- 0830 - 0850 **From written sources to archaeological remains. Medieval shielings in mid Scandinavia**, Pettersson, S (Independent)
- 0850 - 0910 **What do we really know about transhumance in medieval Scotland?**, Dixon, P (RCAHMS)
- 0910 - 0930 **The geoarchaeological quest for shieling sites in Scotland and Iceland**, Kupiec, P (University of Aberdeen)
- 0930 - 0950 **Transhumance by the Sea: The Seasonal Lives of Newfoundland's European Fishers**, Venovcevs, A (Memorial University of Newfoundland)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The 'ups and downs' of transhumance or booleying in the Civil Parish of Achill in western Ireland**, McDonald, T (Achill Archaeological Field School); Costello, E; Gardiner, M; Svensson, E
- 1050 - 1110 **Seasonal settlements and post-medieval transhumance in the Carna peninsula, Ireland**, Costello, E (National University of Ireland, Galway)
- 1110 - 1130 **Early transhumance on Dartmoor**, Fleming, A (independent researcher)
- 1130 - 1150 **Transhumance and landscape in England and Italy: a comparative approach**, Pietrobono, S (Former Marie Curie Fellow)

- 1150 - 1210 **Short and long distance transhumant systems and conflicts on common-lands in post-classical archaeology: case studies from Mediterranean mountains**, Stagno, A (University of the Basque Country)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1340 **Introduction**
- 1340 - 1400 **The Role of Marginal Landscape for understanding Transhumance in Post-Medieval Italy: Integrating ethnoarchaeology and historical perspectives**, Vanni, E (University of Foggia); Cristoferi, D
- 1400 - 1420 **Late-medieval and post-medieval pastoralism in the Italian Alps: preliminary insights from upland pastoral landscapes of Val di Sole (Trentino, Italy)**, Carrer, F (University of York); Angelucci, D
- 1420 - 1440 **The visibility of alpine summer farming activities in the archaeological record in the Bernese Alps (Switzerland)**, Andres, B (Archaeological Service of the Canton of Berne)
- 1440 - 1500 **Moving up and down throughout the seasons: winter and summer grazing between Provence and Southern Alps (France) - AD 1200-1600**, Sylvain, B (CNRS); Vanessa, P; Aline, D
- 1500 - 1520 **The pastoral settlement in the middle mountains of Cantal and Sancy (Massif Central, France), during the modern period**, Surmely, F (DRAC Auvergne - CNRS); Franklin, J
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Transhumance typologies in the Cantabrian Range (Spain)**, Margarita, F (Universidad de León); Alonso González, P
- 1620 - 1640 **Large-scale ovine horizontal transhumance in Spain: its modern social significance and its role in the archaeological research agenda**, Grau Sologestoa, I (University of Sheffield - University of the Basque Country)
- 1640 - 1700 **The salt outcrops from the Romanian Carpathians and pastoral mobility. An ethnoarchaeological approach**, Alexianu, M (Alexandru Ioan Cuza, University of Iasi); Tencariu, F; Asăndulesei, A; Weller, O
- 1700 - 1800 **Discussion**

Posters

Historical ecology of fire regimes and landscape change in a high-mountain area of central Spain during the last seven centuries, Blanco-González, A (Department of

Prehistory, University of Valladolid); López-Sáez, J; Serra-González, C; Alba-Sánchez, F

Archaeology of mobility in the mountains of northern Tuscany, between Apennines and Apuan Alps, Dadà, M (Parco Nazionale dell'Appennino Tosco Emiliano)

AM12 ISLANDS AND ARCHIPELAGOS IN EUROPEAN PREHISTORY: NAVIGATION CRADLES AND SEA-ROUTES JUNCTION

MATHEMATICS BUILDING - ROOM 204

Chair: Francesco Tiboni / **Organiser(s):** Francesco Tiboni, Dr Kewin Peche-Quilichini

- 1330 - 1340 **Introduction**
- 1340 - 1400 **The Dawn of Prehistoric Seafaring: question of method and meaning**, Tiboni, F (Université Aix-Marseille CCJ, UMR 7299)
- 1400 - 1420 **The Role of Coastal Anatolia within Mediterranean Network in Prehistory**, Aytek, O (University of Pamukkale); Oguzhanoglu-Akay, U
- 1420 - 1440 **The islands of Brittany (France) from the early Neolithic to the Late Bronze age: insular communities in strong interaction with the mainland**, Audouard, L (UMR 6566); Gehres, B
- 1440 - 1500 **Island Shores in Regional Contexts: Prehistoric Malta in the south Central Mediterranean 6th-3rd millennium BC**, Vella, C (Brown University); Copat, V
- 1500 - 1520 **Sailing between islands: coastal navigation in the Balearic Islands during the Late Bronze Age and the Early Iron Age**, Calvo Trias, M (University of the Balearic Islands); Medas, S; Galmés Alba, A; Garcia Rosselló, J
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Island parameters in a bioarchaeological perspective: the case of Iron Age Öland in the Baltic**, Wilhelmson, H (Department of Archaeology and Ancient History)
- 1620 - 1640 **Understanding society, changes and identities in the necropolis of Sardinia during the Punic colonization period**, Bison, L (Università degli Studi di Padova)
- 1640 - 1800 **Discussion**

AM13 LOST IN SPACE, OR THE INBETWEENERS: THEORISING MOVEMENT, MESHWORKS AND MATERIALITIES IN THE PAST

MATHEMATICS BUILDING - ROOM 325

Chair: Dr. Catriona Gibson / **Organiser(s):** Dr. Catriona Gibson, Dr. Catherine Frieman, Dr. Kerri Cleary

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Blurring boundaries and celebrating transience: a movement towards archaeologies of in-betweeness**, Gibson, C (University of Wales); Chadwick, A
- 0830 - 0850 **Markets, fairs and khans: mesh-working in Ottoman Cyprus**, Given, M (University of Glasgow)
- 0850 - 0910 **On a Wing: Exploring the Micro and Macro Mobility of Domestic Fowl**, Best, J (Bournemouth University)
- 0910 - 0930 **Following 'footprints' across an Icelandic landscape**, Aldred, O (RCAHMS)
- 0930 - 0950 **Reassessing the Role(s) of History and Tradition during Social Change among Bronze Age Pastoral Communities on the Russian Steppe, 1700 - 900 BCE**, Johnson, J (University of Wisconsin-Oshkosh)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Itineraries of pottery: a mixed methods approach to mobility**, Heitz, C (University of Bern, Institute of Archaeology); Stapfer, R
- 1050 - 1110 **Making Journeys: Bronze Age Wayfaring and the monumentalised landscape**, Frieman, C (Australian National University)
- 1110 - 1130 **Genetic evidence for Metal Age mobility in Europe**, Richards, M (Huddersfield University); Pala, M
- 1130 - 1150 **Interpretations of strontium isotope ratios of the megalithic population in Falbygden, Sweden**, Blank, M (Dep of historical studies, university of Gothenburg); Knipper, C
- 1150 - 1210 **A walk on the wild side: Off-site occupation during the Irish Bronze Age**, Cleary, K (Centre for Advanced Welsh & Celtic Studies)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **The role of persistent places in navigation**, O' Brien, Y (National University of Ireland, Galway)
- 1350 - 1410 **Choreography of existence: landscapes and movement**, Mlekuz, D (University of Ljubljana)
- 1410 - 1430 **From self-sufficiency to interdependence: changes in the**

Cypriote socio-economic structure in the light of mobility during the II millennium B.C., Chelazzi, F (University of Glasgow)

1430 - 1450

Material Connections and Mobility at Local Scales: The Case of Southwest Anatolia, Mokrisova, J (University of Michigan)

1450 - 1510

Pathways to Past Ways, Leary, J (University of Reading); Bell, M

1510 - 1530

Discussion

Posters

Travelling lines: linear earthworks and movement on the prehistoric Yorkshire Wolds, Fiocoprile, E (University of Bradford)

Moving beyond sites; (inter-)regional mobility and social reconstruction in the prehistoric Fens, Huisman, F (Durham University)

AM2 AFRICAN MOBILITIES

MATHEMATICS BUILDING - ROOM 515

Chair: Dr. Ceri Ashley / **Organiser(s):** Dr. Ceri Ashley, Dr. Alexander Antonites, Andrew Reid

0830 - 0850

Introduction

0850 - 0910

Saharan mobility and its changing role in the archaeological research, Gallinaro, M (Dipartimento di Storia, Scienze dell'Uomo e della Formazione. Università di Sassari); Biagetti, S

0910 - 0930

Political, Economic and Social Mobility at the Margins of Urban Landscapes in 13th century South Africa, Antonites, A (University of Pretoria); Ashlea, C

0930 - 0950

Networks of knowledge and shifting iron production technologies: an example from western Uganda, Illes, L

0950 - 1000

Discussion

Coffee break

1030 - 1050

Shifting towns of Kaabu: sedentism, mobility, and statehood in 13th-19th C AD southern Senegal, Canós Donnay, S (UCL)

1050 - 1110

Mobility and Market Economy of Small-Scale Sheep Farming in the 19th and 20th Century Cape Colony, South Africa, Antonites, A (University of South Africa)

1110 - 1130

Using Architectural Evidence to study Migrations in the Yoruba Hinterland: A case study of Brazilian and Afro-Brazilian Houses in Nigeria, Agbelusi, O (University College London, Qatar)

1130 - 1230

Discussion and Concluding Remarks, Per Ditlef Fredriksen

AM23 MATERIALITY AND MOBILITY

JAMES WATT SOUTH - ROOM 355

Chair: Dr. Karen Hardy / **Organiser:** Dr. Karen Hardy

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Differential deposition patterns and raw material variation as evidence for mobility patterns across space and through time in north west Scotland**, Hardy, K (ICREA at Universitat Autònoma de Barcelona)
- 1400 - 1420 **A collection of atypical artefacts in Melun (Ile-de-France, France) witness of an exogenous community?**, Pissot, V (INRAP); Gautier, S; Blin, O; Laneluc, D
- 1420 - 1440 **Sources and Destinations: Locating Ores and Metalsmithing Tool Hoards in Late Bronze Age Britain**, Fregni, E (Independent researcher)
- 1440 - 1500 **Searching for Salt in Central Coastal Italy (Tuscany): Mobility and exploitation of Salt from the Bronze Age to the Early Middle Age**, Vanni, E (University of foggia)
- 1500 - 1520 **Symbolic Linkages in the Balkan-Anatolian Chalcolithic: copper and anthropomorphic figurines**, Turcanu, S (Romanian Academy - Iasi Branch, Institute of Archaeology; Moldova National Museum Complex in Iasi)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Carved stone balls in the Volga-Ural region (Russia)**, Epimakhov, A (Institute of History and Archaeology RAS)
- 1620 - 1640 **Mobility and social dynamics in Bavaria and North Tyrol in the Urnfield Culture (13th-9th c.B.C.)**, Metzner-Nebelsick, C (Institut fuer Vor-u.fruehgeschichtliche Archaeologie u. Provinzialroemische Archaeologie); Reuss, S; Wycisk, D
- 1640 - 1700 **The prehistory of forced displacement: Judean Desert (Southern Levant) refuge caves of the Late Chalcolithic period**, Davidovich, U (University of Cambridge)
- 1700 - 1720 **Prehistoric Journeys: Bringing the 'exotic' home to Late Bronze Age Ireland**, Leonard, K (National University of Ireland, Galway)
- 1720 - 1800 **Discussion**



AM5 BRIDGING SCALES: LOCAL TO GLOBAL PERSPECTIVES ON MOBILITY, INTERACTION, AND TRANSMISSION IN THE FIRST MILLENNIUM AD

MATHEMATICS BUILDING - ROOM 214

Chair: Ms. Kathrin Felder / **Organiser(s):** Ms. Kathrin Felder, Dr. Susanne Hakenbeck, Dr. Alison Klevnäs

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Monuments in miniature: brooches and multiscalar networks in Migration Period Europe**, Martin, T (University of Oxford)
- 0830 - 0850 **Choice and constraint: smiths and the transmission of ideas in the first millennium AD**, Hakenbeck, S (Susanne Hakenbeck)
- 0850 - 0910 **Moving on with style**, Felder, K (Division of Archaeology, University of Cambridge)
- 0910 - 0930 **One object – multiple debates**, Ciupercă, B (Prahova District Museum of History and Archaeology); Magureanu, A
- 0930 - 0950 **Altogether now: early medieval grave disturbance from Bavaria to Kent**, Klevnäs, A (Stockholm University)
- 0950 - 1000 **Discussion**

AM7 DARK HERITAGE – THE ARCHAEOLOGY OF INTERNMENT AND FORCED WARTIME MIGRATION

MATHEMATICS BUILDING - ROOM 516

Chair: Mr. Andrew Johnson / **Organiser(s):** Mr. Andrew Johnson, Dr. Suzie Thomas, Dr. Susannah Eckersley

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Shedding light on German POW internment in England during the First World War**, Miles, D (English Heritage)
- 0830 - 0850 **German archaeology and forced labour during the National Socialist Period (1933-1945)**, Schachtmann, J (none)
- 0850 - 0910 **Barbed Wire and White Buses. The archaeological excavation of a Second World War rehabilitation camp in Sweden**, Persson, M (Historical studies, University of Gothenburg)
- 0910 - 0930 **Gender, nationalism and memory in Irish internment camp craftwork, 1916-1923**, Bruck, J (University of Bristol)
- 0930 - 0950 **Beyond objectivity? The role of objects in exhibitions of the post-WWII expulsions of Germans**, Eckersley, S (Newcastle University)

0950 - 1000 **Discussion**

Coffee break

- 1030 - 1050 **Where Have All the Huts Gone? Finding Knockaloe Internment Camp**, Johnson, A (Manx National Heritage)
- 1050 - 1110 **World War 2 forced migrations in the Arctic: Cultural heritage and the evacuation and destruction of Finnish Lapland in 1944**, Seitsonen, O (University of Helsinki)
- 1110 - 1130 **War, cold war, forced displacement and the ambiguity of landscape: A case from the county of Troms, Norway**, Hesjedal, A (Troms County Council)
- 1130 - 1150 **The infected heritage –The transformation of meanings through incidents of violence and wartime migration**, Wollentz, G (Graduate School Human Development in Landscapes, University of Kiel)
- 1150 - 1210 **'Have YOU been offended?' The role of taboo in the memory of the Holocaust in the Channel Island of Guernsey**, Carr, G (University of Cambridge)
- 1210 - 1230 **Discussion**

AR12 SUBSTANTIAL BENEFIT OR NEUTRAL IMPACT: WHITHER EUROPEAN ENVIRONMENTAL IMPACT ASSESSMENTS?

ALEXANDER STONE BUILDING - ROOM 204

Chair: Dr. Karen Waugh / **Organiser(s):** Dr. Karen Waugh, Dr. Gill Hey

0800 - 1000

Roundtable Discussants:

Introduction to the round table on Substantial benefit or neutral impact: whither European Environmental Impact Assessments?, Hey, G (Oxford Archaeology); Waugh, K (Vestigia Archeologie & Cultuurhistorie)

EA and cultural heritage 30 years on, Lambrick, G (private)

Recommendations from the round table, Waugh, K (Vestigia Archeologie & Cultuurhistorie); Hey, G

AR13 TERMINOLOGY IN FUNERARY ARCHAEOLOGY

JAMES WATT SOUTH - ROOM 361

Chair: Prof. Christopher Knüsel / **Organiser(s):** Prof. Christopher Knüsel, Dr. Pascal Sellier, Dr. Martin Smith

1330 - 1800

Roundtable Discussants:

Terminology in Funerary Archaeology, Knüsel, C (Université de Bordeaux)

Terminology for the disposal of the dead, osteological dislocations and post-depositional interventions, Sellier, P (CNRS)

Standardized but flexible, accurate but clear: thinking and rethinking funerary terminology for archaeologists, Bocquentin, F (CNRS)

Dead Certainties: the need to pin down ideas and deflate conflation in funerary archaeology, Smith, M (Dept. of Archaeology, Anthropology and Forensic Science)

Lost in Translation? The importance of archaeoanatomical terminology in a moment of global expansion, Nilsson Stutz, L (Emory University)

Describing data: the interest of a "vocabulaire d'attente", Chambon, P (CNRS-UMR 7041)

Nomination for membership of roundtable AR13, Craig-Atkins, E (University of Sheffield)

Is funerary archaeology the archaeology of funerals?, Weiss-Krejci, E (OREA Institute for Oriental and European Archaeology, Austrian Academy of Sciences)

The 'burial' problem, Aspöck, E (OREA Austrian Academy of Sciences)

More than a single individual in a grave: which lexicon?, Schmitt, A (UMR 7268 ADES)

Defining Medieval Post-Depositional Disturbances, Crangle, J (University of Sheffield)

Posters

'Labels' in funerary archaeology: Collective burials and secondary mortuary practices. Case study: Early Eneolithic Funerary Discoveries from Transylvania (Romania), Gligor, M ("1 Decembrie 1918" University); McLeod, K

AR14 TRANSLATING VALUES OF THE PAST: HOW CAN WE COMPENSATE FOR IMPACTED HERITAGE?

MATHEMATICS BUILDING - ROOM 204

Chair: Ms. Helen Green / **Organiser(s):** Ms. Helen Green, Mr. Benjamin Grahn Danielson, Ms. Aphrodite Sorotou, Dr. Chris Dalglish, Dr. Kenneth Brophy, Dr. Alan Leslie

- 0850 - 0910 **Drawing Value from the Past: Innovating Responses to Archaeological Loss**, Green, H (University of Glasgow); Leslie, A; Brophy, K; Dalglish, C; Sorotou, A
- 0910 - 0930 **Disarming Harm**, Humble, J (English Heritage)
- 0930 - 0950 **Archaeology, Development and Communities: Advocacy, Justice and Mutual Accountability**, Ronayne, M (National University of Ireland, Galway)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The Role of Sense of place in Historic Urban Landscape**, Alkhalaf, H (University of Edinburgh)
- 1050 - 1110 **Reconstructing Qatari Heritage**, Al-Mulla, M (Arts & Humanities)
- 1110 - 1130 **Values within a World Heritage Area**, Toreld, C (Bohusläns museum /Västarvet)
- 1130 - 1150 **Negotiated Change and Compensation Measures: Systematic Destruction or a Possibility for Innovative Reconstruction of the Cultural Heritage?**, Grahn Danielson, B (Rio Kulturlandskapet); Rönn, M; Swedberg, S
- 1150 - 1230 **Discussion**

AR15 INTERPRETING THE ARCHAEOLOGICAL RECORD: THEORY AND PRACTICE

JAMES WATT SOUTH - ROOM 354

Chair: Dr. Jennifer Miller / **Organiser:** Dr. Jennifer Miller

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Applying the concept of performativity for interpreting material culture**, Kurisoo, T (Tallinn University/Centre for Baltic and Scandinavian Archaeology (ZBSA)/)
- 0830 - 0850 **Modelling the past; a "Sequence of Events" approach at Tell Sabi Abyad**, Klinkenberg, V (Leiden University)
- 0850 - 0910 **Complex structure of an archaeological datum and the**

- problem of interpretation**, Pauknerova, K (Center for Theoretical Study, Charles University in Prague)
- 0910 - 0930 **Interpretive approaches to field methodology**, Thomasson, J (Department of Archaeology and Ancient History)
- 0930 - 0950 **'Big Data' and material culture in archaeology: panacea or passing fad?**, Stansbie, D (University of Oxford)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The Archaeological Archive as Archaeological Record: a reflection on our ethical responsibilities**, Garcia Rovira, I (University of Manchester)
- 1050 - 1110 **Bio-Archaeological interpretation: why the holistic approach is much more than the sum of parts**, Miller, J (York Archaeological Trust); Carson, S
- 1110 - 1130 **The dual Descartes – On recent uses of 'Cartesian Dualism'**, Horn, C (Christian-Albrechts-Universität Kiel)
- 1130 - 1150 **Why are we selective in accepting innovations? (The network approach)**, Diachenko, A (Institute of Archaeology of the NAS of Ukraine); Jennings, B; Menotti, F; Pankovskiy, V
- 1150 - 1230 **Discussion**

AR17 INTERPRETING THE ARCHAEOLOGICAL RECORD: PROBLEMS IN LATER PREHISTORY

JOSEPH BLACK - ROOM 504

Chair: Warren Bailie / **Organiser:** Warren Bailie

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Dunragit: The Prehistoric Heart of Galloway**, Bailie, W (GUARD Archaeology Limited)
- 1400 - 1420 **Briquetages and salt cakes: interpreting some ceramic assemblages from the Romanian Chalcolithic by experiment and ethnographic analogy**, Alexianu, M (Alexandru Ioan Cuza University of Iasi); Tencariu, F; Cotiuga, V
- 1420 - 1440 **Making sense of fragments: modelling fragmentary hoards of the late Bronze Age**, Lehoerff, A (Lille University)
- 1440 - 1500 **The Problems of the Kura-Araxes Culture Against the Background of Nakhchivan (Azerbaijan) Monuments**, Ashurov, S (Azerbaijan National Academy of Sciences Institute of Archaeology and Ethnography); Ashurov, S; Aliyev, O

- 1500 - 1520 **“Cultural landscape of hillforts” of the Lusatian and Puchov Culture in Northwestern Slovakia**, Hornak, M (VIA MAGNA s.r.o.)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Peri fortress in Azerbaijan**, Mustafayev, M (Azerbaijan National Academy of Sciences); Mustafayev, M
- 1620 - 1640 **Archaeology and the Bible: Interpretations in German Biblical Archaeology**, Rodrigues, G (University of Heidelberg)
- 1640 - 1700 **Gebelein as a reflection of Egyptian archaeology**, Chyla, J (Antiquity of Southeastern Europe Research Centre, University of Warsaw); Ejsmond, W; Ozarek-Szilke, M; Takacs, D
- 1700 - 1800 **Discussion**

Posters

The Srubna culture of Southern Ural steppes, Evgenyev, A (Orenburg State Pedagogical University)

Rethinking Numantia (Soria, Spain): A Chronological Review of the Stratigraphic Sequence and the Celtiberian Pottery, Licerias-Garrido, R (Complutense University of Madrid); Quintero-Cabello, S; Jimeno-Martínez, A; Chain-Galán, A

AR19 INTERPRETING THE ARCHAEOLOGICAL RECORD: MEDIEVAL TO MODERN

GRAHAM KERR BUILDING – ROOM 224

Chair: Derek Hall / **Organiser:** Derek Hall

- 0800 - 0820 **Reflecting Gender: An Interrogation of Pictish Mirror and Comb Symbols**, Billings, T (University of Wisconsin- Milwaukee)
- 0820 - 0840 **Between a rock and a hard place: Orkney's Viking and Medieval harbours**, Gibson, J (UHI)
- 0840 - 0900 **Interpreting Archaeological Record of Shipwreck Finds in the Baltic**, Alvik, R (The National Board of Antiquities)
- 0900 - 0920 **Surrounded by the Sediments: Early Medieval Settlement in the Floodplain**, Dresler, P (Department of Archaeology and Museology, Masaryk University)
- 0920 - 0940 **The significance of small-scale excavations – the case study of medieval Brandenburg an der Havel**, Helfritsch, T (Freie Universität Berlin)
- 0940 - 1000 **Western European items in Western Siberia in XII - XIII**

centuries, Borisenko, A (Novosibirsk State university); Khudyakov, Y

Coffee break

1030 - 1050 **Recent discoveries in the Late Medieval Fortifications of Cluj and its Roman proceedings. The rescue excavation of 25-Avram Iancu St.**, Cosmin Gabriel, O (Institute of Archaeology and Art History of Cluj-Napoca, Romanian Academy Cluj Branch,); Sorin Ilie, C

1050 - 1110 **'What have the Romans ever done for us?': Early Medieval Churches in a Post-Roman World**, Pitt, E (The University of Sydney)

1110 - 1130 **What's Cooking?**, Hall, D (Stirling University)

1130 - 1150 **An interdisciplinary interpretation of cremation data: the identification of multiple sites of memory on the Roman necropolis Richeaume XIII (Narbonne Gaul)**, Granier, G (Aix Marseille Universite, CNRS, EFS, ADES UMR 7268); Mocci, F; Cenzon, S C; Lattard, A; Bartette, T; Huguet, C

1150 - 1210 **Bisamapfel, pomanders, apple - scents in English court and at home of Polish noble**, Grupa, D (Instytut Archeologii UMK w Toruniu)

1210 - 1230 **Discussion**

Lunch

1330 - 1340 **Introduction**

1340 - 1400 **Settlement Variability and Socio-Economic Process. Articulations in Early Modern Sweden**, Rosen, C (National Historical Museums, Contract Archaeology Service); Cornell, P

1400 - 1420 **The study of the great medieval and modern urban ensembles: New fields of research and new excavation methods?**, Souquet-Leroy, I (INRAP)

1420 - 1440 **A child's death and children graves' equipment in 17-19 century - on the example of archaeological research in Poland**, Majorek, M (Nicolaus Copernicus University, Toruń (Thorn), Department of Archaeology)

1440 - 1500 **A Garrison cemetery in Gothenburg on the West Coast of Sweden** Caroline Ahlström Arcini, Carina Bramstång Plura and Petra Nordin (Swedish State Historical Museums), Nordin, P (SHMM AU Mölndal); Bramstång Plura, C; Ahlström Arcini, C

1500 - 1520 **Mapping improvement schemes within 19th century Irish market towns**, O Connor, L (Independent Archaeologist/GIS Specialist)

1520 - 1530 **Discussion**

Posters

Silk coffin upholstery from 18th centuries (The Name of the Holy Virgin Mary church in Szczuczyn – Poland), Majorek, M (Nicolaus Copernicus University, Toruń (Thorn), Department of Archaeology)

Late Medieval Settlement: the effect of bastard feudalism on the great houses of England, Kerr, S (Queen's University Belfast)

Gender and Age in the 18th – 19th century Worcester Porcelain Industries: relating the results of archaeological research to social history, Loney, H (University of Worcester)

AR4 INTERPRETING THE ARCHAEOLOGICAL RECORD: MATERIAL STUDIES

BOYD ORR - LECTURE THEATRE A

Chair: Dr. Fernando Rodríguez del Cueto / **Organiser(s):** Dr. Fernando Rodríguez del Cueto

0800 - 0810 **Introduction**

0810 - 0830 **Lyngby axes in Lithuania. A technological study of reindeer antler artefacts**, Daugnora, L (Klaipėda university); Girininkas, A

0830 - 0850 **Surface patterns and working edges. Towards a functional analysis of bronze tool kits**, Nessel, B (University of Heidelberg)

0850 - 0910 **Sweat is pouring, when muscles cry about the horse representing with hallmarking on the Bronze vessels of the Hallstatt time**, Bauer, A (private)

0910 - 0930 **Textile activities in the hillfort of Pencia (Asturias, Spain): the archaeological records of the loom weights and their analysis in the frame of the archaeology of the households**, Rodríguez del Cueto, F (University of Oviedo)

0930 - 0950 **Artistic reconstruction of the crown of St. Vladimir**, Zhilina, N (Institute of Archaeology RAS)

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **Archaeological and analytical researches in Azerbaijan (Medieval Ceramics of Azerbaijan: Basic Parameters of Development Dynamic)**, Khalilli, F (MIRAS Social Organization in Support of Studying of Cultural Heritage); Jabiyev, G; Macchia, A

1050 - 1110 **Jade Vessels in the Western Han Mortuary Context**, Lam, E (The

Posters

Nomadic cast Cauldrons from Eurasian Steppe - The Typology and Development, Janik, P (Antiquity of Southeastern Europe Research Centre University of Warsaw)

Pit-Grave and the Others: a perspective on the absolute chronology of the Lower Danube Area (late IVth- first half of the IIIrd millennia BC), Preda, B (Muzeul Județean de Istorie și Arheologie Prahova); Garvăn, D; Frînculeasa, A

Bin there! Done that! Neolithic people with scientific/technological aptitudes worked with artists/stonecrafters to realise projects at England's Avebury complex. Has their work anything to teach us and guide our own interdisciplinary initiatives?, Pattison, D (Independent)

Sharpening our stylus: the terms defining the tools, working processes, tool-marks and outcomes of modified stone, with particular reference to sarsen at Stonehenge and Avebury, to megalithic rock-art, stonemasonry, and portable artefacts, Pattison, D (Independent)

Sticks and Stones and Bones: Making Holes in Metal in Prehistory, Bell, D (Queen's University, Belfast)

Medieval shirts from the archaeological excavations in the Moscow Novospassky Monastery, Elkina, I (Institution of archaeology RAS)

Materials of Khalinskaya culture in the Middle Volga Region, Korolev, A (Volga region State Social-Humanitarian Academy)

From the subject to the object: correlation between motifs and gems in intaglios, Crausaz, A (University of Lausanne)

Analysis of spindle whorls from Gurukly Depe (Turkmenistan), Kossowska, D (University of Warsaw)

Stone battle exes in the territory of Upper Dvina region, Russia, Tkach, E (Institute of Material Culture)

AR5 LIFE ON THE EDGE? COMPARATIVE APPROACHES TO MARGINAL AND PERIPHERAL LANDSCAPES

JOHN MCINTYRE BUILDING – ROOM 201

Chair: Miss. Hannah Brown / **Organiser(s):** Miss. Hannah Brown, Miss. Mary Saunders, Dr. Stephen Davis

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Confrontations at the Boundaries: the benefits of doing archaeology at the edges**, de Neef, W (Groningen Institute of Archaeology / University of Groningen); Armstrong, K; Cuenca-Garcia, C
- 0830 - 0850 **Remote-sensing and survey in a marginal landscape: prehistoric upland remains near Grassington, Yorkshire Dales National Park, UK**, Saunders, M (University of Bradford)
- 0850 - 0910 **Shifting Shapes: Landscapes Unravelling in Prehistoric Shetland**, Turner, V (Shetland Amenity Trust and University of Stirling)
- 0910 - 0930 **Hidden barrow landscapes**, Louwen, A (Leiden University, Faculty of Archaeology)
- 0930 - 0950 **To what extent did the availability of ecological resources constrain the character of prehistoric construction and land-use in Orkney?**, Farrell, M (Queen's University Belfast); Bunting, M
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Marginal humans? The acoustic landscapes of Neanderthals**, Kolen, J (Faculty of Archaeology, Leiden University)
- 1050 - 1110 **A social chronology from below: a 'marginal' Early Iron Age site from western Norway in a comparative perspective**, Amundsen, M (Department of Archaeology, Conservation and History, University of Oslo); Fredriksen, P
- 1110 - 1130 **Abandonment and new strategies in marginal areas during the late-medieval crisis: new evidence from the South-Swedish Uplands**, Lagerås, P (National Historical Museums)
- 1130 - 1150 **Marginal and Peripheral Landscapes in Drahaný Uplands (Czech Republic): Medieval and Post-Medieval Settlement Abandonment and Human-Environmental Interactions**, Holata, L (University of West Bohemia in Pilsen)
- 1150 - 1210 **Decreasing significance – from lapodian center to small Roman town**, Ožanić Roguljić, I (Institut za arheologiju); Kalafatić, H; Šiljeg, B; Zavadny, E

1210 - 1230 **Discussion**

Posters

The most frightful of landscapes: Archaeology at Blå Jungrunn, Sweden, Papeh-L-Dufay, L (Kalmar County Museum); Andersson, A; Alexandersson, K

Current research on Late Pleistocene and Early Holocene in Croatia: the ARCHAOLIM Project, Janković, I (Institute for Anthropological research)

The Lopar peninsula (Island of Rab, Croatia): a rediscovered ancient pottery manufacturing region, Konestra, A (Institute of archaeology, Croatia)

Bollarp revisited – the colonization, desertion and recolonization of a farm in the Småland Uplands, Franzén, A (Jönköping County Museum)

AR7 MOVING THE HOUSE POSTS: MOBILITY AND PERMANENCE IN (PRE-)HISTORIC DWELLING, FARMING AND RESOURCE MANAGEMENT

BOYD ORR - LECTURE THEATRE B

Chair: Dr. Tanja Romankiewicz / **Organiser(s):** Dr. Tanja Romankiewicz, Dr. Daniela Hofmann, Dr. Rosalind Gillis

0800 - 0810 **Introduction - Daniela Hofmann**

0810 - 0830 **Mesolithic - Neolithic Dwellings of North-West Russia (Smolensk region), (Poster)**, Irina, K (The State Hermitage museum)

0830 - 0850 **Swamp life. Persistence through mobility during the transition to agriculture in the wetlands of the Lower Rhine Area (5500-2500 cal BC)**, Amkreutz, L (National Museum of Antiquities)

0850 - 0910 **Moving houses. Three aspects of the three-aisled houses in Iron age Eastern Norway**, Gjerpe, L (University of Oslo)

0910 - 0930 **Dynamic domestic architecture? A view from Scotland**, Romankiewicz, T (University of Edinburgh)

0930 - 0950 **On the hoof – A review of animal resource management and mobility in Prehistoric Scotland and future research perspectives**, Gillis, R (Muséum national d'Histoire naturelle - CNRS)

0950 - 1000 **Chaired Discussion: "Mobile, temporal, periodic, permanent?"**

Coffee break

- 1030 - 1050 **Permanent posts, seasonal mobility?**, Møller, N
(Sydvestjyskemuseer.dk)
- 1050 - 1110 **Tethered mobilities. Norse house sequences in the Hebrides**, Sharples, N (University of Cardiff)
- 1110 - 1130 **Shifting settlements in medieval Central Europe and their social and ecological background – contrasting written record and archaeological evidence**, Schreg, R (Römisch-Germanisches Zentralmuseum)
- 1130 - 1150 **Discussion of Session Agenda**
- 1150 - 1210 **Discussion in plenum**
- 1210 - 1230 **Discussion: A way forward?**

AR8 NETWORK SCIENCE IN ARCHAEOLOGY: CHALLENGES AND OPPORTUNITIES

MATHEMATICS BUILDING - ROOM 203

Chair: Dr. Francesca Fulminante / **Organiser(s):** Dr. Francesca Fulminante, Dr. Sergi Lozano, Dr. Tom Brughmans, Dr. Luce Prignano

- 0800 - 0820 **Let's get it right: towards best practice guidelines for network science in archaeology**, Brughmans, T (Department of Computer and Information Science)
- 0820 - 0840 **Formal network analysis and archaeological theorisation: a proposition for fruitful collaboration**, Mizoguchi, K (Kyushu University)
- 0840 - 0900 **Iberian Neolithic Networks: The Rise and Fall of the Cardial World**, Lozano, S (Institut Català de paleoecologia Humana i Evolució Social (IPHES)); Bernabeu, J; Pardo, S; Orozco, T
- 0900 - 0920 **Connecting the dots: The bronze hoards from the Lower Danube region in the LBA and EIA**, Matau, F (Alexandru Ioan Cuza University of Iasi)
- 0920 - 0940 **Was Thebes Necessary? Contingency in Modelling**, Rivers, R (Imperial College London); Evans, T
- 0940 - 1000 **Urban Network Models for Archaic Crete**, Cabaniss, A (University of Michigan)

Coffee break

- 1030 - 1050 **Roads, rivers and settlements. A network science approach to urbanization in central Italy (1175/1150-500 BC ca)**, Fulminante, F (University of Roma Tre); Lozano, S; Prignano, L; Morer, I
- 1050 - 1110 **Networks at the local scale: community responses to**

- expanding Mediterranean exchange in the early first millennium BCE**, Nowlin, J (Brown University)
- 1110 - 1130 **Urbanisation, networks and statistical physics: a case from the Celtic world (IV-I century BC)**, Filet, C (Paris 1 - Panthéon-Sorbonne); Rossi, F
- 1130 - 1150 **Network Analysis and economic pattern. The case of the Mediterranean importations in Celtic societies (250-25 BC)**, Feugnet, A (Paris I - Panthéon Sorbonne); Filet, C
- 1150 - 1210 **Centralised and self-organising network of goods distribution during the Roman Empire**, Diaz-Guilera, A (Universitat de Barcelona); Remesal, J; Prignano, L; Mosca, A
- 1210 - 1230 **Discussion**

Posters

Networks of artefact decoration in Bronze Age Switzerland, Jennings, B (University of Bradford)

Geographical and Cultural Networks in Early Iron Age Central Italy, Fulminante, F (University of Roma Tre)

CA1 EUROPEAN ARCHAEOLOGY? PAST REALITY, PRACTICAL AGENDA OR POLITICAL BANNER?

ALEXANDER STONE BUILDING - ROOM 204

Chair: Dr. John Robb / **Organiser(s):** Dr. John Robb, Dr. Stasa Babic

1030 - 1230

Roundtable Discussants:

European archaeology - any limits?, Paludan-Müller, C (NIKU, Norwegian Institute for Cultural Heritage Research)

European Archaeology from the Balkans, Babić, S (Faculty of Philosophy, Dept. of Archaeology, Belgrade University)

Mediterranean Archaeology: is this a feeling?, Vanzetti, A (University of Rome La Sapienza)

Ottoman archaeology in Europe – disturbing past or disturbing present?, Milosavljević, M (Faculty of Philosophy, University of Belgrade)

What kind of “European” archaeology do we actually want?, Robb, J (University of Cambridge)

Discussion

CA14 LIVING HISTORY, OPEN AIR MUSEUMS AND THE PUBLIC

BOYD ORR - ROOM 709

Chair: Mrs. Helga Rösel-Mautendorfer / **Organiser(s):** Mrs. Helga Rösel-Mautendorfer, Dr. Jutta Leskovar, Dr. Romana Scandolari, Mrs. Ida Demant

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Living History and the Public in Mitterkirchen, Upper Austria,** Leskovar, J (Oberösterreichisches Landesmuseum); Rösel-Mautendorfer, H
- 0830 - 0850 **Sagnlandet Lejre - the Land of Legends (Denmark): 50 years of “Past Family business” between Experimental Archaeology and Living History,** Mazet, L (Sagnlandet Lejre - the Land of Legends (Denmark))
- 0850 - 0910 **From Spectator to Partaker - Changes in Visitors to the Past,** Jepsen, A (The Land of Legends Lejre)
- 0910 - 0930 **Making the costumes...,** Demant, I (Sagnlandet Lejre)
- 0930 - 0950 **When the celts are back in town...,** Schmid-Merkl, C (Freilichtmuseum Heuneburg - Keltenstadt Pyrene)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Archaeology Brought to Life @ the Scottish Crannog Centre: Education, Entertainment and Experience,** Andrian, B (The Scottish Crannog Centre)
- 1050 - 1110 **The Use of Underwater and Experimental Archaeology in Understanding Scottish Loch Dwellings, or Crannogs, and their Presentation to the Public,** Dixon, N (The Scottish Trust for Underwater Archaeology)
- 1110 - 1130 **Reenactment of Gallo-Roman religious practices through Living History,** Karine, M (Université de Lausanne)
- 1130 - 1150 **Among knights and beggars - knowledge transfer at medieval markets,** Pfenninger, F (Experimenta)
- 1150 - 1210 **An educational role play,** Paulsen, C (Skanderborg Museum)
- 1210 - 1230 **Discussion**

Poster

Project of Living History "PREISTORICA": Everyday life in the Neolithic Village of St. Andrew by Travo (Piacenza), Gasparini, S (Archeotravo, Parco Archeologico Villaggio Neolitico di Travo)

CA19 RE-DEFINING AUTHENTICITY IN THE AGE OF 3D DIGITAL REPRODUCTIONS

BOYD ORR - LECTURE THEATRE E

Chair: Dr. Paola Di Giuseppantonio Di Franco / **Organiser(s):** Dr. Paola Di Giuseppantonio Di Franco, Dr. Fabrizio Galeazzi, Valentina Vassallo

- 0800 - 0810 **Introduction**
- 0810 - 0830 **The Use of Virtual Replicas for Material Specialists: Time, Cost and Practicality**, Horne, D (Cambridge Archaeological Unit)
- 0830 - 0850 **Authenticity of 3D models in archaeological field documentation**, Jensen, P (Aarhus University)
- 0850 - 0910 **Bringing Life Back – 3D Tools and Data-Recycling for On-Site Interpretation in a Medieval Context**, De Padova, M (Sapienza Università di Roma)
- 0910 - 0930 **Authenticity and image-based 3D reconstructed excavations and artefacts**, De Reu, J (Department of Archaeology, Ghent University)
- 0930 - 0950 **The 3D replica of the Kazafani boat. A case study of a fragile archaeological artefact**, Vassallo, V (Lund University/The Cyprus Institute); Amico, N; Hermon, S; Iannone, G; Niccolucci, F; Ronzino, P
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The significance of 3D models of ektypa for automatic analysis of lettering techniques**, Bozia, E (University of Florida); Barmpoutis, A
- 1050 - 1110 **Exploring Neanderthal skills from 3D knapping reconstruction**, Delpiano, D (Università degli studi di Ferrara); Peresani, M; Pastoors, A
- 1110 - 1130 **Virtual Authenticity: The Materiality of 3D Digital Artifacts**, Garstki, K (University of Wisconsin-Milwaukee)
- 1130 - 1150 **Authenticity and Realism: Virtual vs Real Reconstructions?**, Vico, L (The Cyprus Institute)
- 1150 - 1210 **Conflicting Conceptions of Authenticity: Contemporary Visions**

vs. Ancient Maya Perspectives and Experiences, Miller, S
(University of California, Riverside)

1210 - 1230

Discussion

Lunch

1330 - 1350

Digital Humanities as Prosthetics: 3D, Film and Bertolt Brecht,
Baker, F (McDonald Institute of Archaeological Research)

1350 - 1410

Introduction

1410 - 1430

3D Data, Digital Authenticity and Community Archaeology,
Beale, G (University of York)

1430 - 1450

**3D digital invasors: a social-didactic experiment of cultural
values co-creation**, Santagati, C (University of Catania); Bonacini,
E; Galizia, M; Inzerillo, L; Maruccci, M; Todisco, F

1450 - 1530

Discussion

Poster

From earth to digits: 3d documentation and public interpretation of archaeological artifacts and architectonic elements of the Cidade Romana de Ammaia (Portugal), Schiavottiello, N (Universidade de Evora)

CA4 CLUSTERS OF KNOWLEDGE PRODUCTION: CONVERSATION AND CREATION OF KNOWLEDGE IN ARCHAEOLOGY

MATHEMATICS BUILDING - ROOM 203

Chair: Dr. Kathleen Sheppard / **Organiser(s):** Dr. Kathleen Sheppard, Dr. Ulf Hansson,
Dr. Julia Roberts

1330 - 1350

**A picture is worth a thousand words – Communicating
archaeological artifacts in drawings and letters in the 19th
century**, Unger, M (German Archaeological Institute, Rome)

1350 - 1410

**Skulls, Chants, and Battle Songs: Antiquarian Networks in
the Antebellum American Landscape**, Sneed, J (California State
University, Northridge)

1410 - 1430

**“More Feared Than Loved”. Interactional Strategies in
Late 19th-Century Classical Archaeology: The Case of Adolf
Furtwängler**, Hansson, U (University of Texas at Austin)

1430 - 1450

**Rodolfo Lanciani’s informal contribution to the improvement
of the Boston Museum of Fine Arts collections**, de Tomasi, F
(Università di Roma Tor Vergata)

1450 - 1510

The international contacts of 20th-century Spanish

- 1510 - 1530 **archaeology**, Díaz-Andreu, M (ICREA-Universitat de Barcelona)
Discovering of the Serbian archaeology: Felix Kanitz and his network, Mihajlovic, V (Institute for Balkan Studies SASA)
- Coffee break**
- 1600 - 1620 **Informal structures of knowledge production: Oscar Montelius and the Italian context**, Gustavsson, A (Dep of historical studies, Gothenburg University)
- 1620 - 1640 **From the Excavation Pit to the Museum Shelf: Building James Breasted's Early Scientific Network**, Sheppard, K (Missouri University of Science and Technology)
- 1640 - 1700 **Situated Clusters in a Permeable World**, Arwill-Nordbladh, E (Dept. of Historical Studies, University of Gothenburg)
- 1700 - 1720 **Communicating knowledge: fieldwork networks in twentieth century Britain**, Roberts, J (UCLan); Cooper, A
- 1720 - 1740 **A gentlemen's agreement? On the subject of thought collectives in archaeological practice and contemporary constructions of past masculinities**, Engström, E (Stockholm university)
- 1740 - 1800 **Discussion**

Posters

How archaeological communities think? Re-thinking concept of "thought-collective", Milosavljević, M (Faculty of Philosophy, University of Belgrade)

Holland in Hellas: Writing the History of Dutch Archaeological Research in Greece, de Gelder, L (Allard Pierson Museum); de Gelder, L

Prague as Center and Margin in Classical Studies, De Armond, T (Stanford University)

CA7 COMMUNICATING ARCHAEOLOGY: EDUCATION AND TEACHING

MATHEMATICS BUILDING - ROOM 515

Chair: Dr. Ben Thomas / **Organiser(s):** Dr. Ben Thomas

- 1330 - 1350 **Presentation and promotion of archaeology**, Schwenzer, G (University of Vienna)
- 1350 - 1410 **It is our past that matters: Greek Primary teachers' attitudes and perceptions about archaeology**, Kasvikis, K (Auth)
- 1410 - 1430 **Explorers of My Homeland's Lost Treasure, educational**

- archaeological and art workshop**, Katunaric Kirjakov, J (University of Split, Arts Academy, MB: 01321358, OIB: 38960125358)
- 1430 - 1450 **Teaching research and heritage management from the beginning: archaeological field schools and an example from Boston University in Menorca, Spain**, Perez-Juez, A (Boston University); Elia, R; Anderson Langlitz, M
- 1450 - 1510 **Considering the Future of Archaeology and Outreach**, Thomas, B (Archaeological Institute of America)
- 1510 - 1530 **The death of the Newspaper?**, Park, V (Amec Foster Wheeler)

CC4 MAPPING THE ENCLOSED SITES OF LATER PREHISTORIC EUROPE

JOHN MCINTYRE 208

Chair: Prof. Gary Lock / **Organiser(s):** Prof. Gary Lock, Prof. William O'Brien

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Compiling an atlas of British and Irish hillforts: some issues**, Lock, G (Emeritus University of Oxford)
- 0830 - 0850 **Defining the issue: the classification of Irish hillforts**, O'Driscoll, J (University College Cork)
- 0850 - 0910 **Where do we go from here? Iron Age hillforts in Germany - more than iconic places?**, Posluschny, A (Roman-Germanic Commission of the German Archaeological Institute)
- 0910 - 1030 **Discussion**

CC7 WETLAND SETTLEMENT; UNDERSTANDING THE MOTIVATION BEHIND LIVING OUT THE WATER

BOYD ORR - LECTURE THEATRE D

Chair: Dr. Anne Crone / **Organiser(s):** Dr. Anne Crone, Prof. Aidan O'Sullivan, Dr. Graeme Cavers, Prof. Francesco Menotti

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Travelling out to imaginary and real islands: early historical and archaeological perspectives on the social and ideological roles of crannogs**, O'Sullivan, A (UCD School of Archaeology)
- 1400 - 1420 **Human Islands - Exploring the palaeoecological record of crannogs in Co. Fermanagh and SW-Scotland**, Fonville, T (University of Southampton); Brown, T; Langdon, P

- 1420 - 1440 **Crannog construction in early Iron Age Scotland: exploring duration and motivation**, Cavers, G (AOC Archaeology Group)
- 1440 - 1500 **Pushing Boundaries: Crannogs outside of the island-dwelling heartland**, Stratigos, M (University of Aberdeen)
- 1500 - 1520 **Islands of the Dead**, Fredengren, C (Department of Archaeology and Classical Studies)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Living in the wetlands – a Danish perspective**, Pantmann, P (Museum of Northern Zealand)
- 1620 - 1640 **New investigations on Iron Age wetland settlements in the Northern Aquitaine (France)**, Colin, A (Université de Bordeaux Montaigne - Ausonius (UMR 5607); Verdin, F; Lescure, S; Arnaud-Fassetta, G
- 1640 - 1700 **Head-hunting in the Marshes - an exploration of the interaction between environment, chronology and cultural influences at Glastonbury Lake Village, Somerset, UK**, Brunning, R (South West Heritage Trust)
- 1700 - 1720 **Rising damp; challenging perceptions of wetland settlement in SW Scotland**, Crone, A (AOC Archaeology Group)
- 1720 - 1800 **Discussion**

LV1 ANALOGUE/DIGITAL: PRODUCTIVE TENSIONS IN MATERIALITY AND ARCHAEOLOGY

JAMES WATT SOUTH - ROOM 361

Chair: Dr. Colleen Morgan / **Organiser(s):** Dr. Colleen Morgan, Ms. Kathryn Killackey, Ms. Laia Pujol-Tost, Ms. Sara Perry

0800 - 1000

Roundtable Discussants:

Analogue/Digital: Spectrum, Landscape, Minefield?, Morgan, C (University of York)

Mixed exhibits. The best of both worlds?, Pujol-Tost, L (Universitat Pompeu Fabra)

Material/Digital Authenticity: Some thoughts on digital 3D models and their material counterparts, Jones, S (University of Manchester); Jeffrey, S

Field Work in the Cubicle, and Other Computer Histories, Finn, C (Independent Scholar/FSA)

Material Objects and Digital Avatars, Arvanitis, K (University of Manchester)

Pixel vs pigment. The goal of Virtual Reality in Archaeology, Pujol-Tost, L (Universitat Pompeu Fabra)

Redefining Media in Archaeology, Perry, S (University of York)

LV10 GRAFFITI ARCHAEOLOGISTS!

MATHEMATICS BUILDING - ROOM 417

Chair: Dr. Alex Hale / **Organiser(s):** Dr. Alex Hale, Dr. Jeff Sanders, Dr. Jeff Oliver, Dr. Laura McAtackney, Dr. Cameron McAuliffe

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Revolutionary graffiti? Locating, recording and interpreting at Kilmainham Gaol, Dublin**, McAtackney, L (University College Dublin)
- 0830 - 0850 **Graffiti at the Asylum: Recording and Interpreting Graffiti at a Psychiatric Institution in Rural Ireland**, Ronayne, M (National University of Ireland, Galway)
- 0850 - 0910 **Banksy is a woman: gender and femininity as displayed in graffiti**, Osborne-Martin, E (Society of Antiquaries of Scotland)
- 0910 - 0930 **Wild times in wild places: Counter-cultures, graffiti and the wild at the Devil's Spittleful**, Hoaen, A (University of Worcester)
- 0930 - 0950 **Appraising modern cave graffiti in Greece**, Andreasen, N (Museum of Copenhagen)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Written in Stone: Reframing graffiti at the North Head Quarantine Station, Sydney, Australia**, Frederick, U (University of Sydney)
- 1050 - 1110 **52 weeks in a (graffiti) year: disrupting temporalities in archaeology by recording a graffiti wall once a week for a year**, Hale, A (RCAHMS/University of Glasgow); Campbell, A
- 1110 - 1130 **Graffiti as a medium to teach and enthrall**, Jones, C (Archaeology Scotland); Pudney, C
- 1130 - 1150 **Buffing and Buffering: Street Art's Accelerating Archaeologies**, Merrill, S (Institute of Modern Languages Research); MacDowall, L
- 1150 - 1230 **Discussion**

Posters

Marking military identity: textual graffiti in nineteenth-century Malta, Palmer, R (Ghent University)

"Harry was here 1945": Graffiti and the Nazi Occupation of Alderney, Sturdy Colls, C (Staffordshire University); Colls, K; Bolton-King, R; Harris, T; Weston, C

LV13 IS ARCHAEOLOGY STILL THE PROJECT OF THE NATION-STATES

JAMES WATT SOUTH - ROOM 361

Chair: Dr. Joanna Bruck / **Organiser(s):** Dr. Joanna Bruck, Dr. Liv Nilsson Stutz

1030 - 1230

Roundtable Discussants:

The nation-state as an archaeological context, Schlanger, N (Ecole nationale des chartes)

Archaeology Within, Archaeology Without, Sanders, J (Society of Antiquaries of Scotland)

Archaeology and state: the case of Eastern Europe, Diachenko, A (Institute of Archaeology of the NAS of Ukraine)

To re-negotiate heritage and citizenship beyond essentialism, Högberg, A (Linnaeus University)

The Significant Past and Insignificant Archaeologist. Who informs the public about their "national" past? The case of Romania, Popa, C (Freie Universität Berlin)

Scandinavia: Is there an alternative to the nation narrative?, Prescott, C (Dept. of Archaeology, Conservation and History, University of Oslo)

LV14 LANDSCAPE LEGACIES IN WORLD HERITAGE SITES – RECORDING FOR MANAGEMENT AND CONSERVATION

JOSEPH BLACK - ROOM 408

Chair: Mrs. Angela Gannon / **Organiser(s):** Mrs. Angela Gannon, Mr. Mark Bowden, Dr. Stephen Davis, Dr. Kristín Huld Sigurðardóttir

- 0800 - 0810 **Introduction to the session and the Landscape Survey Group**, Gannon, A (Historic Scotland)
- 0810 - 0830 **A Conventional approach: survey and recording in the context of the World Heritage Convention**, Macinnes, L (Historic Scotland)
- 0830 - 0850 **The Scottish Ten Project: Digital Documentation of Scotland's World Heritage Sites, a dataset for cultural heritage management and conservation**, Hepher, J (Historic Scotland); Wilson, L; Rawlinson, A
- 0850 - 0910 **Neolithic legacies: recording, understanding and managing the Heart of Neolithic Orkney World Heritage Site**, Brend, A (Archaeology Institute, UHI); Downes, J; Moore, J
- 0910 - 0930 **St Kilda: mapping a future for the past**, Gannon, A (RCAHMS)
- 0930 - 0950 **Digital recording in the Brú na Bóinne WHS, Ireland: Past, present and future prospects and impacts**, Davis, S (University College Dublin); Brady, C
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **'Standing on the shoulders of giants': recent archaeological fieldwork in the Stonehenge World Heritage Site**, Bowden, M (English Heritage)
- 1050 - 1110 **Recording and managing the astronomical importance of the Stonehenge WHS**, Chadburn, A (Historic England)
- 1110 - 1230 **Questions, Discussion and Summary**

LV16 UNDERSTANDING AND MANAGING THE URBAN AND RURAL

BOYD ORR - LECTURE THEATRE 2

Chair: Dr. Robyn Veal / **Organiser:** Dr. Robyn Veal

- 0800 - 0820 **Lost in space**, Brown, D (English Heritage)
- 0820 - 0840 **133 years and seven generations**, Guldåker, A (Kulturen); Eriksson, G

- 0840 - 0900 **Naming the monuments: some problems in archaeology and place-names**, Clancy, T (University of Glasgow)
- 0900 - 0920 **Big game hunters along the Vinstra water course**, Bergstøl, J (University of Oslo)
- 0920 - 0940 **Heritage, climate and the forest economy: understanding forests of the past and forests of the present and future**, Veal, R (McDonald Institute for Archaeological Research)
- 0940 - 1000 **A New Vision for Local Heritage Protection**, Jackson, S (University of York)

Coffee break

- 1030 - 1050 **Mountain fishing in the past – Archaeological investigations at lake Tesse in Southern Norway**, Mjaerum, A (Museum of Cultural History, University of Oslo)
- 1050 - 1110 **The Šumava Mountain Woodlands: Transformation due to the human interaction (not only in 19th century)**, Blazkova, T (Faculty of Humanities, Charles University in Prague)
- 1110 - 1130 **With or without woods in the landscape. A case study of Mostistea Valley, Southeast Romania**, Ionela, C (Vasile Parvan Institute of Archaeology); Vasile, C
- 1130 - 1150 **Protohistoric Archeology and Economics: The Weight of the Past**, Millot-Richard, C (Université de Strasbourg)
- 1150 - 1210 **Archaeology, Agriculture and Agronomy: Can precision farming and archaeology be integrated for useful outcomes in archaeological prospection and heritage management?**, Webber, H (University of Bristol)
- 1210 - 1230 **Discussion**

LV17 MANAGING THE ARCHAEOLOGY OF DAMS

EAST QUAD LECTURE THEATRE

Chair: Dr. Erika Rohrahn-Gonzalez / **Organiser(s):** Dr. Erika Rohrahn-Gonzalez, Dr. Pascal Depaepe, Dr. Friedrich Lueth

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Planning dams – legal requirements and the management of the historic environment**, Lueth, F (Deutsches Archäologisches Institut)
- 0830 - 0850 **Archaeology of Dams : the case of preventive archaeology in large scale project in French Guina - Petit-Saut Dam on Sinnamary River, Methods, process and scientific progress**, Sylvie, J (INRAP)

- 0850 - 0910 **Managing the Archaeology of Dams in Brazil: Scientific and Social Challenges**, Robrahn-Gonzalez, E (UNICAMP, UISPP, DOCUMENTO)
- 0910 - 0930 **Managing Cultural Heritage on Brazilian Dams**, Eigenherr, G (DOCUMENTO Corporate Group, ESPM University); Müller, L
- 0930 - 0950 **Archaeological Heritage and Dams in Ghana: A Review of the Current Situation**, Apoh, W (Department of Archaeology and Heritage Studies, University of Ghana)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Archaeology of Dams in Nigeria. An inexcusable neglect**, Hambolu, M (Veritas University)
- 1050 - 1110 **Dams and archaeology: a methodological approach**, Depaepe, P (INRAP); Pelgas, P
- 1110 - 1130 **Is Dammed Archaeology Really Damned? Reservoirs, Rescue, Relocation, Reconsideration**, Stammitti, E (University of Edinburgh)
- 1130 - 1150 **Archaeological Heritage and Rescue Excavations during Large-Scale Engineering Projects (Hydro-Electric Stations, Roads, Rail, and Pipelines). The Russian Experience**, Engovatova, A (Institute of Archaeology Russian Academy of Sciences)
- 1150 - 1210 **Maritime archaeology in the mountains - Results, methods and challenges faced during the renewal of hydropower concessions in Norway**, Wammer, E (Norwegian Maritime Museum); Melsom, C
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Destroying the Past. Dams, archaeological sites and salvaging what remains**, Loeffler, D (Murberget County Museum of Västernorrland)
- 1350 - 1410 **Archaeology surveys in dams - a model**, Dalen, E (Riksantikvaren/Direktorat for Cultural Heritage in Norway); Johansen, K
- 1410 - 1530 **Discussion**

Poster

The System of Water Canal and Dams in Woodlands of Šumava Mountains (SW Czech Republic) for Transport of Timber Wood in 19th Century, Blazkova, T (Faculty of Humanities, Charles University in Prague)

LV20 PROSPECTION MAPPING: FROM SITES TO LANDSCAPE INVESTIGATIONS IN EUROPE

MATHEMATICS BUILDING - ROOM 417

Chair: Dr. Oscar Aldred / **Organiser(s):** Dr. Oscar Aldred, Mr. Dave Cowley, Dr. Axel Posluschny, Mr. Mike Middleton, Dr. Piers Dixon

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Space-time continuum in Mediterranean landscape archaeology: why do we need it?**, Campana, S (University of Cambridge)
- 1400 - 1420 **Joined up thinking: an integrated landscape analysis of Yarrows, Scotland**, Cavers, G (AOC Archaeology Group)
- 1420 - 1440 **Views and perspectives: legacies of the past to shape the future**, Dabaut, N (Newcastle University)
- 1440 - 1500 **Mapping the historic landscape after Historic Land-use Assessment in Scotland**, Middleton, M (RCAHMS); Dixon, P
- 1500 - 1520 **Maximising benefit in landscape research**, Herring, P (English Heritage / Historic England)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Landscape characterisation and sustainable development: a question of situated, problem-orientated, public discourse**, Dalglish, C (University of Glasgow); Leslie, A; Sorotou, A
- 1620 - 1640 **Understanding archaeological landscapes through non-invasive approaches**, Doneus, M (University of Vienna, Prehistoric and Historical Archaeology); Neubauer, W; Trinks, I
- 1640 - 1700 **Discussant for session on understanding and managing historic landscapes**, Macinnes, L (Historic Scotland)
- 1700 - 1800 **Discussion**

LV25 THE LEGACIES OF NAZI ARCHAEOLOGY AND THEIR IMPACT ON CONTEMPORARY PREHISTORIC RESEARCH

JOHN MCINTYRE - ROOM 208

Chair: Dr. Reena Perschke / **Organiser(s):** Dr. Reena Perschke, Dr. Martijn Eickhoff, Mr. Daniel Modl

- 1330 - 1340 **Introduction**
- 1340 - 1400 **The research of German archaeologist Robert Rudolf Schmidt in Croatia (1938-1943)**, Solter, A (Archaeological museum in

- Zagreb); Rajkovic, D; Balen, J
- 1400 - 1420 **Archaeology entangled in political narratives: the case of August Schörgendorfer and his WW II excavations on Crete**, Flouda, G (Heraklion Archaeological Museum - Fellow, Center for Hellenic Studies/Harvard University)
- 1420 - 1440 **Ethnic origin of past societies and contemporary land affiliation. Struggles between Polish and German prehistorians before, while and after World War II**, Niedziółka, K (Institute of Archaeology and Ethnology, University of Gdańsk)
- 1440 - 1500 **Race along the Dnieper – The rivalry of “Einsatzstab Reichsleiter Rosenberg” and “Ahnenerbe” in Ukraine 1942/43 and the impact on current archaeological research**, Modl, D (Universalmuseum Joanneum, Archeology & Coin Cabinet); Teslenko, D
- 1500 - 1520 **A new Approach to history. The Bremen Educator Friedrich Walburg and his Teaching of Prehistorical Archaeology after World War II**, Sachweh, J (Landesarchäologie Bremen); Loeber, M
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Ernst Sprockhoff and the development of German megalithic terminology**, Perschke, R (Museum Lichtenberg)
- 1620 - 1640 **One person. Many subjects. One agenda**, Susic Klindzic, R (Department of Archaeology Faculty of Humanities and Social Sciences University of Zagreb); Solter, A
- 1640 - 1700 **The impact of exile. Helen Rosenau’s career as art historian after World War II**, Sachweh, J (Landesarchäologie Bremen)
- 1700 - 1800 **Discussion**

LV28 WHAT'S IN A STORY? IS ORAL HISTORY A VALUABLE TOOL FOR THE FUTURE ARCHAEOLOGIST'S TOOLKIT?

GREGORY BUILDING - LECTURE THEATRE (109)

Chair: Dr. Monique van den Dries / **Organiser(s):** Dr. Monique van den Dries, Dr. Margarita Díaz-Andreu

- 1330 - 1340 **Introduction**
- 1340 - 1400 **‘Every place has words attached’: using oral history to reconsider historic pastoral landscapes**, MacLennan, S (University College London)
- 1400 - 1420 **Oral history and a forensic archaeology case study in Eastern**

- Romania**, Bolohan, N (Alexandru Ioan Cuza University of Iași)
- 1420 - 1440 **Oral histories and the archaeologist: a view from the African continent**, Merlo, S (University of the Witwatersrand); Kleinitz, C
- 1440 - 1500 **Public perceptions of Archaeology and Heritage**, Laidler, S (Durham University)
- 1500 - 1520 **Oral history at Tell Balata (Palestine): an instrument to explore archaeology's social values for the present day community**, van den Dries, M (Faculty of Archaeology, Leiden University)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Remembering the Temple of Mithras: using oral history methodology and data to enhance commercial excavation**, Ostrich, S (MOLA (Museum of London Archaeology))
- 1620 - 1640 **Let's talk about ruins: a case study in oral history and archaeology**, Sebire, H (English Heritage)
- 1640 - 1700 **Oral history and the reception of New Archaeology in Spain**, Díaz-Andreu, M (ICREA-Universitat de Barcelona)
- 1700 - 1800 **Discussion**

Poster

"So the evil-eye cannot see my cattle" – Oral history as a tool for the archaeology of folk religion, Hukantaival, S (University of Turku)

LV4 CLIMATE CHANGE AND HERITAGE MANAGEMENT: MEASURING AND MONITORING THE IMPACTS OF FUTURE CLIMATE AND ENVIRONMENTAL CHANGE ON THE HISTORIC ENVIRONMENT AND CULTURAL RESOURCES

MATHEMATICS BUILDING - ROOM 516

Chair: Dr. Andy Howard / **Organiser(s):** Dr. Andy Howard, Dr. David Knight, Prof. Thomas Raab, Dr. Sjoerd Kluiving, Dr. Ben Gearey

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Climate Change Adaptation for Scotland's Historic Environment**, Davies, M (Historic Scotland)
- 1400 - 1420 **Predicting future challenges: Creating a foresight methodology for climate change adaptation**, Wiggins, M (Historic England (formerly English Heritage)); Heathcote, J
- 1420 - 1440 **Preserving and Protecting the Peatland Record post-Kyoto**

- Protocol**, Gearey, B (UCC)
- 1440 - 1500 **Recent landscape evolution of the Rio Grande drainage basin and impacts on the UNESCO World Heritage List of the Nasca lines and geoglyphs (Peru)**, Cigna, F (British Geological Survey); Tapete, D; Masini, N; Lasaponara, R
- 1500 - 1520 **Assessing palaeochannel resources in the light of future environmental change: a case study from the Trent Valley, UK**, Knight, D (York Archaeological Trust); Stein, S; Malone, S
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Safeguarding Open-Air Rock Art**, Giesen, M (Newcastle University); Warke, P; Lewis, P; Mazel, A; Graham, D
- 1620 - 1640 **Impacts of climate and Environmental Change: The effects on coastal saltmaking in Lincolnshire, UK**, Lane, T (Ecosal UK)
- 1640 - 1700 **Medmerry: Coastal change from the Neolithic to Medieval period**, Krawiec, K (Archaeology South-East); Allott, L
- 1700 - 1720 **When an Asset Becomes a Curse. Isostatic uplift and 17th century military planning – old causes and present risks for the impending inundation of a Swedish town?**, Pettersson, C (Jönköping County Museum); Jonsson, F
- 1720 - 1740 **Managing World Heritage Sites by Geoarchaeological Landscape Assessment and Modelling: a case study from the Derwent Valley Mills World Heritage Site, Derbyshire, UK**, Howard, A (Landscape Research & Management); Knight, D; Coulthard, T; Kossoff, D
- 1740 - 1800 **Discussion**

Posters

Archaeological Prospection and Natural Risk Management in Prehistoric Sites from Eastern Romania, Asandulesei, A (Alexandru Ioan Cuza University of Iasi); Caliniuc, S; Cotiuga, V; Asandulesei, M

Increased flood risk and its impact on heritage assets in a changing climate: preparing emergency services and their partners for Disaster Planning, Howard, A (Landscape Research & Management); Hancox, E; Jackson, R; Hanson, J

Developing Terrestrial Laser Scanning for Coastal Archaeological Sites and Site Condition, Lobb, M (University of Southampton); Brown, A; Leyland, J

LV5 CONDITIONED PASTS: ON THE SOCIOPOLITICAL DIMENSIONS OF CURRENT ARCHAEOLOGIES

JOSEPH BLACK - ROOM 408

Chair: Ms. Elisabeth Niklasson / **Organiser(s):** Ms. Elisabeth Niklasson, Ms. Tine Schenck, Ms. Elin Engström

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Are we all the Capitoline she-wolf's sons? Identity building in Italy from urban to public archaeology**, Cella, E (Museo Civico Etrusco Romano Trevignano Romano); Cella, E; Gori, M; Pintucci, A
- 1400 - 1420 **An Archaeological Perspective on Thrace: Shared Pasts, Contrasting Ideals and Realistic Conditions**, Nenova, D (University College London (UCL))
- 1420 - 1440 **Conditions of World Heritage making**, Hølleland, H (The Norwegian Academy of Science and Letters)
- 1440 - 1500 **Redescribing Archaeological Heritage in Transnational Sociopolitical Contexts**, Lafrenz Samuels, K (University of Maryland)
- 1500 - 1520 **In it for ourselves? Archaeological practices and the identity of archaeologists**, Karl, R (Prifysgol Bangor University)
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Mediations of histories of archaeology - neutralizing practices and creating traditions**, Berg, I (Stockholm University)
- 1620 - 1640 **The Russian Homo Archaeologicus: Applied science, scientific government and positivist orthodoxies in a post-Soviet setting**, Plets, G (Stanford Archaeology Center)
- 1640 - 1700 **'European' legacies in the making**, Niklasson, E (Stockholm University, Department of Archaeology and Classical Studies)
- 1700 - 1720 **Gender and Commodification of the Past: The (mis-) representations of Viking women in cultural production**, Wapshott, E (South West Archaeology); Schenck, T; Buffon, V; Tibbetts, B
- 1720 - 1740 **Information colonialism and the politics of archaeological field-work: Remarks on archaeology of silent**, Modarress Sadeghi, M (University of Oulu); Okkonen, J
- 1740 - 1800 **Discussion**

SATURDAY

LV7 ENVIRONMENTAL HUMANISM, COMMUNITY LANDSCAPES AND HERITAGE STUDIES

MATHEMATICS BUILDING - ROOM 214

Chair: Dr. Christina Fredengren / **Organiser(s):** Dr. Christina Fredengren, Prof. Tony Brown, Dr. Sophie Bergerbrant

- 1030 - 1050 **Archaeological research of wilderness area: Humanizing the non-human world**, Okkonen, J (University of Oulu)
- 1050 - 1110 **Domestication and human-animal relations in the anthropocene: changes in terms of engagement**, Armstrong Oma, K (University of Stavanger)
- 1110 - 1130 **From Geomythology to Environmental Humanism**, Brown, T (University of Southampton); Walsh, K
- 1130 - 1150 **Deep time materializing**, Fredengren, C (Department of Archaeology and Classical Studies)
- 1150 - 1210 **Waste, Attitudes and Environmental Concerns An environmental perspective on metallurgical production**, Sahlen, D (The Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University); Charlton, M
- 1210 - 1230 **Should we be getting our museum objects from solid waste managers?**, Giesen, M (Newcastle Univeristy); Graham, D; Edwards, S

RI1 AT HOME IN THE NEOLITHIC: UNDERSTANDING DIVERSITY IN NEOLITHIC HOUSES AND HOUSEHOLDS

BOYD ORR - LECTURE THEATRE C

Chair: Dr. Penny Bickle / **Organiser(s):** Dr. Penny Bickle, Dr. Ben Chan, Prof. Lech Czerniak, Dr. Joanna Pyzel, Dr. Christina Tsoraki

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Houses and households at Neolithic Çatalhöyük: the contribution of microwear and microbotanical analyses of ground stone tools to the understanding of household activities**, Tsoraki, C (Leiden University, Faculty of Archaeology); Barton, H; Garcia-Granero, J; Madella, M
- 0830 - 0850 **How many stories for home? Tracing diverse household configurations in Neolithic Greece**, Kalogiropoulou, E (Institute for Mediterranean Studies); Kloukinas, D

- 0850 - 0910 **The House(hold) in the Neolithic of Greece: Insights from Pottery**, Siamidou, I (Aristotle University); Kotsakis, K; Urem Kotsou, D; Perić, S; Halstead, P
- 0910 - 0930 **Household scales: what cooking pots can tell us about households in the Late Neolithic Stavroupoli (Northern Greece)**, Lymperaki, M (Democritus University of Thrace. Dept of History and Ethnology); Urem Kotsou, D; Kotsakis, K; Kotsos, S
- 0930 - 0950 **Sheltered and enclosed - living in Neolithic Italy**, Becker, V (Westfälische Wilhelms-Universität Münster)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Beyond different patterns of material culture: late 6th millennium BC households in Southern Transdanubia**, Marton, T (Institute of Archaeology, Research Centre for the Humanities, Hungarian Academy of Sciences); Jakucs, J; Kreiter, A; Serlegi, G; Lyublyanovics, K; Daróczy-Szabó, M
- 1050 - 1110 **Inferring domestic activities in LBK houses from microwear data: what are the pitfalls?**, van Gijn, A (Leiden University)
- 1110 - 1130 **Between cultic fear and lack of wood**, Biermann, E (freelance archaeologist / independent)
- 1130 - 1150 **The Neolithic everyday: decay, discard and the household**, Bickle, P (University of York)
- 1150 - 1210 **The role of sunken-floored buildings in LBK farmstead**, Połczyński, L (University of Gdansk)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **Being at home in the Early Chalcolithic. The longhouse phenomenon in the Brześć Kujawski culture in the Polish Lowlands**, Czerniak, L (Institute of Archaeology and Ethnology, University of Gdansk); Pyzel, J
- 1350 - 1410 **Houses, households, activity zones in the post-LBK world. Results of the raw material analysis of the chipped stone tools of Polgár-Csőszhalom, Northeast Hungary**, Faragó, N (Institute of Archaeological Sciences, Eötvös Loránd University)
- 1410 - 1430 **Variability of Post-LBK Longhouses Ground-Plans and Interpretation of Their Spatial Relationship in Site Layouts in the Czech Republic**, Řídký, J (Institute of Archaeology Prague CAS); Končelová, M; Burgert, P; Šumberová, R
- 1430 - 1450 **The Neolithic (SBK) longhouse no. 8 from Hrdlovka (Czech Republic). Unique deposition of grinding stones in light of environmental analysis**, Beneš, J (University of South Bohemia,

- Laboratory of Archaeobotany and Palaeoecology); Vondrovský, V; Šída, P; Divišová, M; Kovačiková, L; Jirsová, M
- 1450 - 1510 **The Neolithic site of Hrdlovka, Czech Republic: summary of project results**, Vondrovsky, V (University of South Bohemia); Divisova, M; Benes, J; Kovacikova, L; Šída, P
- 1510 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Diversity in farming practice: Crop isotopes reveal household level decision-making at the Late Neolithic site of Hornstaad-Hörnle IA, Germany**, Styring, A (University of Oxford); Maier, U; Schlichtherle, H; Bogaard, A
- 1620 - 1640 **House structures of the Orcadian Neolithic. An architecture-sociological analysis**, Autenrieth, S (Institut für Ur- und Frühgeschichte, CAU-Kiel)
- 1640 - 1700 **Houses under the microscope: Understanding the relationship between the house and daily activities in Neolithic Orkney**, Chan, B (Leiden University)
- 1700 - 1800 **Discussion with Prof. Amy Bogaard**

RI14 IDENTITIES AT WAR: CONFLICT, MATERIAL CULTURE AND SOCIAL DISCOURSE DURING MEDIEVAL AND EARLY MODERN EUROPE

GILBERT SCOTT - ROOM G466

Chair: Dr. Rachel Askew / **Organiser(s):** Dr. Rachel Askew, Mr. Maxime Poulain

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Medieval fortified settlements. Social identity and conflict. The case study from Lower Silesia Region, Poland**, Kiarszys, G (Department of Archaeology, Szczecin University)
- 0830 - 0850 **Shared identities in Medieval Iberia: A revision of the enmity of the 'Reconquista' through the materiality of textiles and other sets of material culture**, Herran Subiñas, M (University College London - Qatar)
- 0850 - 0910 **Mass graves of Mongol invasion to Eastern Europe – cultural, social and anthropological identities of the victims**, Kamińska, M (Institute of Archaeology, Jagiellonian University)
- 0910 - 0930 **In search of group identities during the Dutch War of Independence (1568-1648)**, Poulain, M (Ghent University)
- 0930 - 0950 **Transforming identities: clothing and conflict in late medieval/**

- 0950 - 1000 **early modern Ireland**, Horning, A (Queen's University Belfast)
Discussion
- Coffee break**
- 1030 - 1050 **Cavalier attitudes: the Royalist identity during the English Civil Wars**, Askew, R (University of Sheffield)
- 1050 - 1110 **Training Louis XIV's troops at the Fort Saint-Sébastien. Archaeology and preparation of siege warfare in the XVIIth century**, Hurard, S (INRAP)
- 1110 - 1130 **The Camps of Napoleon. The camps of the army for the invasion of England (1803-1805)**, Lemaire, F (INRAP Institut National de Recherches Archéologiques Préventives)
- 1130 - 1230 **Discussion**

RI15 IDENTITIES IN CONSTRUCTION: RECONSIDERING THE LATE NEOLITHIC TO EARLY BRONZE AGE TRANSITION IN WESTERN EUROPE

BOYD ORR - LECTURE THEATRE A

Chair: Dr. Kerri Cleary / **Organiser(s):** Dr. Kerri Cleary, Dr. Neil Carlin, Dr. Ana Jorge, Dr. Laure Salanova

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Were the gods inconsequential? ... A place for the 'Divine' in the construction of Beaker identities'**, McVeigh, T (National University of Ireland Galway)
- 1400 - 1420 **Beakers on the Edge: Orkney and the 'Beaker phenomenon'**, Mason, O (University of Edinburgh)
- 1420 - 1440 **Constructing identity in Ireland during the 3rd millennium BC**, Carlin, N (University College Dublin School of Archaeology)
- 1440 - 1500 **Wedge tombs: a mid-3rd millennium building boom?,** Ó Maoldúin, R (NUI Galway); Ó Maoldúin, R
- 1500 - 1520 **Things Have Changed: The potter's perspective of the Beaker to Food Vessel transition in Northern Britain**, Wilkin, N (The British Museum); Taylor, G
- 1520 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **Solar symbolism in Early Bronze Age Ireland**, Cahill, M (National Museum of Ireland)
- 1620 - 1640 **Collective versus Individual Identities: Resistance and Social Innvolution in the Bronze Age Societies of Souteastern Iberia,**

- Aranda Jiménez, G (University of Granada, Spain)
- 1640 - 1700 **Towards a new deal of the Beaker Culture and the genesis of the Early Bronze Age in Brittany**, Blanchet, S (INRAP Grand Ouest); Nicolas, C; Nicolas, T; Pailler, Y
- 1700 - 1720 **Settlements and houses during the Late Neolithic and Early Bronze Age transition in central southern Jutland, Denmark**, Dollar, S (Museet på Sønderkov)
- 1720 - 1800 **Discussion**

Posters

Fusing Burial Traditions: Ireland from the Chalcolithic to the Early Bronze Age, Cleary, K (Centre for Advanced Welsh & Celtic Studies)

Late Neolithic and Early Bronze Age sunken floor huts -interpreting the construction using 3D visualization, Nordvall, L (Kulturmiljö Halland/Heritage Halland)

RI16 INTANGIBLE CULTURAL HERITAGE AND ARCHAEOLOGICAL STUDIES OF SOCIAL IDENTITY

BOYD ORR - LECTURE THEATRE B

Chair: Ms. Leonora O'Brien / **Organiser(s):** Ms. Leonora O'Brien, Dr. Gerry Wait, Dr. Ibrahima Thiaw

- 1330 - 1350 **Introduction: Reconfiguring identities - Intangible Cultural Heritage and Archaeological Studies of Social Identity**, O'Brien, L (AECOM)
- 1350 - 1410 **Integrated Tangible and Intangible Heritage. Challenges in Management**, Vidal, A (INAPL)
- 1410 - 1430 **Intangible Heritage and Archaeology in Mongolia**, Wait, G (Nexus Heritage)
- 1430 - 1450 **Intangible cultural heritage in Mauritania: sedentarisation, adaptation and ongoing reinvention**, O'Brien, L (AECOM)
- 1450 - 1510 **A new way of perceiving salt: ceremonial substance in Romanian holidays and rituals of passage**, Asăndulesei, M (Alexandru Ioan Cuza University of Iași)
- 1510 - 1530 **Discussion**

Poster

Form follows fingers - archaeological typologies and the perspective of the producer, Melko, N (University of Zurich)

RI17 INTERPRETATION OF MULTIPLE IDENTITIES IN ARCHAEOLOGICAL CONTEXTS

JOHN MCINTYRE – ROOM 208

Chair: Dr. Laure Salanova / **Organiser(s):** Dr. Laure Salanova, Prof. M. Pilar Prieto-Martínez, Dr. Marie-France Deguilloux, Dr. Alison Sheridan

- 1030 - 1050 **Re-tracing identity: the materialisation of multiple identities in funerary contexts of Bronze Age Crete**, Calliauw, N (University of Leuven, Research Foundation - Flanders)
- 1050 - 1110 **Suggestions on the (re)configuration of Gothic identity in Late Antiquity based on archaeological and historical sources: should Jordanes' error be reanalyzed?**, Plăcintă, T (Universitatea "Alexandru Ioan Cuza" Iași)
- 1110 - 1130 **Romans d'Isonzo, a Lombard settlement in the North East Italy: bio-archaeological approach**, Innocenti, D (Università Ca'Foscari di Venezia)
- 1130 - 1150 **Multiple identities in the Sepulcres de fossa culture (north-eastern Iberian Peninsula, 4300-3500 cal. BC)? The confrontation of archaeological and biological data from the Bòbila Madurell-Can Gambús burial complex**, Allières, F (Université Paris 1 Panthéon-Sorbonne)
- 1150 - 1210 **Locals or foreigners - who were the people buried in the chamber graves in early medieval Poland?**, Błaszczuk, D (Institute of Archaeology)
- 1210 - 1230 **Interpreting the clothes and the identities of the Mesolithic Family**, Wigforss, E (Dep. of Archaeology and Ancient History & Dep. of Clinical Sciences, Lund University)

RI2 BATTLEFIELD ARCHAEOLOGY: EXPLORING THE MATERIALITIES OF CONFLICT

BOYD ORR - LECTURE THEATRE D

Chair: Dr. Manuel Fernandez-Gotz / **Organiser(s):** Dr. Manuel Fernandez-Gotz, Prof. Nico Roymans

- 0800 - 0810 **Introduction**
- 0810 - 0830 **The Bronze Age battlefield in the Tollense Valley, Mecklenburg-Western Pomerania, northeast Germany – Conflict scenario research**, Lidke, G (Niedersächsisches Landesamt für Denkmalpflege); Jantzen, D; Terberger, T; Lorenz, S

- 0830 - 0850 **Warfare and the destruction of hillforts in Bronze Age Ireland**, O'Brien, W (Department of Archaeology, University College Cork); O'Driscoll, J
- 0850 - 0910 **The Second Punic War battlefield of Baecula**, Bellon, J (Institute of Iberian Archaeology (University of Jaén); Rueda, C; Ruiz Rodríguez, A
- 0910 - 0930 **Gallia Capta: Caesarian battlefields in Northern Gaul**, Roymans, N (Vrije University Amsterdam); Fernandez-Gotz, M
- 0930 - 0950 **Tracing Iulius Caesar – The late-republican military-camp at Hermeskeil and its historical context**, Hornung, S (Institut für Altertumswissenschaften, Vor- und Frühgeschichtliche Archäologie, Johannes Gutenberg-Universität Mainz)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **At the edge of the empire: The Oppidum of Monte Bernorio and the Augustan conquest of Cantabrian Spain**, Fernandez-Gotz, M (University of Edinburgh); Torres-Martínez, J
- 1050 - 1110 **The remains of war: The 1st century AD post-war depositions at Alken Enge, Eastern Jutland, Denmark and its context**, Holst, M (Aarhus University, Moesgaard Museum); Hertz, E
- 1110 - 1130 **Sacrifices of military equipment in the “Thorsberger Moor”**, Blankenfeldt, R (Zentrum für Baltische und Skandinavische Archäologie)
- 1130 - 1150 **Father, Father, Tell Me, Why Do the Horsemen Ride: Landscape Reconstruction and Predictive Modelling of Scottish Battlefields from the War of the Three Kingdoms in GIS, AD 1645-1650**, McNutt, R (University of Glasgow)
- 1150 - 1210 **Views of the Berezina Napoleon: Research on the “victorious disaster” site**, Lemaire, F (INRAP Institut National de Recherches Archéologiques Préventives)
- 1210 - 1230 **Discussion**

Posters

Heritage, Ethics and Public Safety : when past battles are still doing victims, Lacroere, T (Halte Au Pillage du Patrimoine Archéologique et Historique)

The Steppe Nomadic Women-Warriors of the Late Antiquity: Their Costume at Home and in the Battlefield, Yatsenko, S (Russian State University for the Humanities)

Reconstructing mass grave identities in York during the Wars of the Roses, Whyte, R (York Archaeological Trust)

Between two wars on the same battlefield: the case study from the Borodino field (Moscow region), Shvedchikova, T (Institute of Archaeology, Russian Academy of Sciences)

Timing and Tempo of Pre-Columbian Militarization in the Midwestern and Southeastern United States, Krus, A (Scottish Universities Environmental Research Centre)

Prehistoric refrigerators, fortifications or geological formations? Neolithic "Giant's Churches" of the Baltic Sea coast, Seitsonen, O (University of Helsinki)

War, battle and memory: conflicting world views?, Thomasson, J (Department of Archaeology and Ancient History)

Death During the Scottish Wars of Independence: An Osteological Analysis of Medieval Individuals from Stirling Castle, Scotland, Buckberry, J (University of Bradford)

RI20 MEDIEVAL ROYAL CENTRES, THE HERITAGE OF POWER AND NATIONAL IDENTITY

JOSEPH BLACK – ROOM 407

Chair: Dr. Oliver O'Grady / **Organiser(s):** Dr. Oliver O'Grady, Dr. John Ljungkvist, Dr. Jana Marikova-Kubkova

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Visualizing the research on Gamla Uppsala**, Ljungkvist, J (Department of archaeology and ancient history, Uppsala University)
- 0830 - 0850 **Re-presenting Yeavinger**, Petts, D (Durham University); Buchanan, B
- 0850 - 0910 **Power in the Land: regional royal assembly sites in early medieval Wales**, Comeau, R (University College London Institute of Archaeology)
- 0910 - 0930 **Medieval Scone: A Royal Edifice Revealed**, O'Grady, O (OJT Heritage)
- 0930 - 0950 **Scone Abbey: Digital Reconstruction, Interaction and Engagement**, Miller, A (University of St Andrews); Kennedy, S
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Prague Castle – Seat of the Dukes and Kings of Bohemia**,

- Emperors and Presidents of Modern Czechoslovak and Czech State**, Maříková-Kubková, J (Institute of Archaeology ASCR, Prague, v.v.i.)
- 1050 - 1110 **Archbishop's palaces as zones of power and social control**, Nordeide, S (University of Bergen)
- 1110 - 1130 **Târgșoru Vechi, one of the royal courts of Wallachia**, Anton, A (Muzeul Județean de Istorie și Arheologie Prahova)
- 1130 - 1230 **Discussion**



RI27 SIMILAR OBJECTS, SIMILAR MEANINGS? MATERIAL CULTURE AND THE FORMATION OF IDENTITY IN URBAN AND RURAL AREAS OF NORTHERN EUROPE AD 1200-1700

JAMES WATT SOUTH - ROOM 355

Chair: Mr. Joakim Kjellberg / **Organiser(s):** Mr. Joakim Kjellberg, Dr. Natascha Mehler, Dr. Roos van Oosten

- 0800 - 0820 **Introduction**
- 0820 - 0840 **Reconsidering the interpretation of 'Hanseatic material culture' from a ceramic point of view**, van Oosten, R (Leiden University)
- 0840 - 0900 **Towns in the Wilderness: Material Culture, Identity and Urbanisation in Medieval Southern England**, Jervis, B (Cardiff University)
- 0900 - 0920 **A tale of two cities: a perspective on the connections between identity and material culture from Medieval Livonia**, Haak, A (Tallinn University / University of Tartu); Russow, E
- 0920 - 0940 **City planning as a reflection of cultural norms**, Obrink, M (Bohuslans museum)
- 0940 - 1000 **Ceramics and Europeanisation in the western Baltic Sea area c. 1000-1400 – a case study from the island of Funen, Denmark**, Langkilde, J (University of Copenhagen)

Coffee break

- 1030 - 1050 **German ceramics in Norway in the 14th to 17th century – imported lifestyle or ordinary commodity?**, Demuth, V (Telemark fylkeskommune)
- 1050 - 1110 **Alsengems: primarily liturgical blingbling or pagan amulets?**, van Vilsteren, V (Drents Museum)
- 1110 - 1130 **Table glass from medieval Scandinavia – an indication of an**

urban identity?, Haggrén, G (Archaeology)

1130 - 1230

Discussion

Poster

Birth of new technologies in the merger of two different traditions (unique kit tiles of the New Jerusalem monastery), Glazunova, O (Institute of Archaeology RAS)



RI31 THE CONTROL AND MANAGEMENT OF BURIAL IN CHRISTIAN CEMETERIES

MATHEMATICS BUILDING - ROOM 326

Chair: Dr. Elizabeth Craig-Atkins / **Organiser(s):** Dr. Elizabeth Craig-Atkins, Dr. Jonny Geber, Ms. Jennifer Crangle

1330 - 1340

Introduction

1340 - 1400

Who Holds the Power of God? Changing ritual roles and burial practices in Conversion Period Anglo-Saxon England – a comparative approach, Leggett, S (The University of Sydney)

1400 - 1420

Different Approaches to Management and Control of Burial in Early Middle Ages (illustrated by the Example of Stronghold Břeclav-Pohansko), Přichystalová, R (Department of Archaeology and Museology, FoA, Masaryk University)

1420 - 1440

New insights into the control and management of Christian burial in England c. A.D. 650-1100, Craig-Atkins, E (University of Sheffield)

1440 - 1500

Västerhus - a privately owned Early Medieval church and the social control of the burials of the inhabitants of the manor's household, Iregren, E (Dept. of Archaeology and Ancient history)

1500 - 1520

The Sentient Dead: Managing the Medieval Cemetery, Crangle, J (University of Sheffield)

1520 - 1530

Discussion

Coffee break

1600 - 1620

The endurance of cemetery maintenance practices from medieval to modern Copenhagen, Anthony, S (Lund University)

1620 - 1640

Burial in Medieval Exeter: development and changes in practice from the post-Roman to the Early Modern period, Kingdom, M (University of Exeter)

1640 - 1700

Forced funerary landscapes: Institutionalised burial practices and social trauma in Ireland during the Great Famine (1845-52), Geber, J (University College Cork)

- 1700 - 1720 **Arnos Vale Cemetery, South Bristol: A Cemetery of Cemeteries. An exploration into the execution and management of an evolving landscape of burial and cremation in a Victorian Garden Cemetery**, Udall, L (University of Bristol)
- 1720 - 1740 **Grave Concerns: considering the role, place and reflections of the gravedigger in disposal of the dead**, Prior, S (University of Bristol)
- 1740 - 1800 **Discussion**

RI32 THE FARM AS A SOCIAL ARENA

MATHEMATICS BUILDING - ROOM 326

Chair: Prof. Liv Helga Dommasnes / **Organiser(s):** Prof. Liv Helga Dommasnes, Dr. Kristin Armstrong Oma, Dr. Doris Gutmiedl-Schümann

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Unlocking Identities: Keys and locks on Iron Age farms in Eastern Sweden**, Nordstrom, E (University of Gothenburg, Department of Historical Studies)
- 0830 - 0850 **Symbols, power and ideologies displayed on Iron Age farms in Western Norway**, Dommasnes, L (University of Bergen)
- 0850 - 0910 **Symbols, power and ideologies displayed II: Early Medieval farms in Norway**, Hommedal, A (University Museum of Bergen, University of Bergen)
- 0910 - 0930 **Architecture and social interaction**, Sørheim, H (University of Stavanger, Museum of Archaeology)
- 0930 - 0950 **A shattered farm: Changes in making space from Pagan to Christian Norway**, Armstrong Oma, K (University of Stavanger)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The Walrus in the Walls: House deposits at Aðalstraeti**, Carlisle, T (University of Aberdeen)
- 1050 - 1110 **"With one foot downstairs and the other upstairs" - Production of identities in the household of the priesthood and other office-holders in North Norway before AD 1750**, Berglund, B (Norwegian University of Science and Technology)
- 1110 - 1130 **Marwedel (Lower Saxony, Germany) - an Early Roman Period „Fürstensitz“**, Gutmiedl-Schümann, D (University of Bonn, pre- and early historical archaeology); Nüsse, H

- 1130 - 1150 **Social Differentiation and Social Change in Medieval Rural Space. An Example from the Lower Rhine Area, Germany**, Bremer, T (Universität Bonn, Institut für Archäologie und Kulturanthropologie, Abt. Vor- u. Frühgeschichtliche Archäologie)
- 1150 - 1210 **Individual lifeworlds and structured societies in Merovingian settlements from the Munich gavel plain? – a case study**, Gutsmiedl-Schümann, D (university of Bonn, pre- and early historical archaeology)
- 1210 - 1230 **Social and ritual practices and re-use at Buttle Änge, an Iron Age farmstead on Gotland, Sweden**, Andreeff, A (Department of Archaeology and Ancient History, Uppsala University)

Poster

Iron Age Farms in the North of France: Reconstructing Territories through Economic and Spatial Analysis, Ferjani, S (Université Paris 1 - Panthéon-Sorbonne)

RI35 REGIONAL AND CONCEPTUAL APPROACHES TO IDENTITIES

JOSEPH BLACK 407

Chair: Dr. Bryan Miller / **Organiser:** Dr. Bryan Miller

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Whole Worlds: Centring Identity on the Margins**, Malovoz, A (Heidelberg University); Wu, M
- 1400 - 1420 **Negotiating the Middle Ground: 'Hybridity' in the Inner Asian Frontier between the Chinese and Steppe Empires**, Miller, B (Oxford University)
- 1420 - 1440 **Recycling landscapes. From a productive past to recent marginality: I Giardini-Upper Sagittarius Valley (Abruzzi, Central Italy), a possible eco-cultural resource**, Del Fattore, F (Matrix 96 Soc. Coop.)
- 1440 - 1500 **Integrated landscape analysis of upland and lowland environments in Orkney**, Moore, J (Archaeology Institute, University of the Highlands & Islands)
- 1500 - 1530 **Discussion**
- Coffee break
- 1600 - 1620 **Contemporary experiences of a Past Process; Marginality, Improvement, and Clearing in Galloway, Scotland**, Anderson, C (Berea College)

1620 - 1640 **Centering South Andean early village settlements: A political approach between community and domesticity**, López Lillo, J (Universidad Nacional de Córdoba (CIFYH-UNC, República Argentina)); Salazar, J

1640 - 1700 **Discussion**

Posters

Reconfiguring Identities: Hellenistic and Roman portraits statues in Greece, Pop, L (Université de Lausanne)

Elderly social status in the Formative Period (AD 100 - 200 BC) of the Mesoamerican city of Monte Alban, Mexico, Alencar, S (National School of Anthropology and History (ENAH)); Martins de Alencar, S; González Licón, E; Márquez Morfin, L

Animals, Identity and Early Medieval Cosmology, or, What Did This Sheep Mean To You?, Rainsford, C (University of Bradford)

(De-) colonising the Baltic, a late Iron Age clash of civilisations. A case study from the Curonian Lagoon, Dworschak, N (Romano-Germanic Commission)

RI38 GENDER AND POWER STRUCTURES IN THE MEDITERRANEAN PAST

KELVIN BUILDING - ROOM 222

Chair: Dr. Estelle Orrelle / **Organiser:** Dr. Estelle Orrelle

0850 - 0900 **Introduction**

0900 - 0920 **Men Raised to the Power by Women. The Case of the Tarquini's Dynasty**, Di Giuliomaria, D (Italian Archaeological School of Athens)

0920 - 0940 **Eros the Man, Eros the Woman: Conflicting Identities and Gender Construction in the Catullan Corpus**, Boylan, R (University of Wisconsin-Madison)

0940 - 1000 **Every-Body's buddy. Figurines as a supposedly easy tool for gender reconstruction**, Keßeler, A (Freie Universität Berlin)

Coffee break

1030 - 1050 **'Gender of Power' - The First Gender: Iconography of Figurines in the Neolithic Near East**, Orrelle, E (University of East London/ Independent scholar)

1050 - 1110 **Bene Merenti: Beyond a Latin Epigraphic Formula Showing Male and Female Identity**, Thompson, K (Wichita State University)

1110 - 1130 **Architectures, power and gender identities: the practice of everyday life**, Sánchez Romero, M (University of Granada); Alarcón García, E

1130 - 1230 **Discussion**

Poster

Boudica, the warrior queen: power, memory and feminism, Pagoto Bélo, T (University College London)

RI5 BRONZE AGE TURNING POINTS

JAMES WATT SOUTH - ROOM 375

Chair: Dr. Serena Sabatini / **Organiser(s):** Dr. Serena Sabatini, Dr. Ann-Louise Schallin, Prof. Helène Whittaker

0800 - 0810 **Introduction**

0810 - 0830 **Shaping identity through social ideals- a case study from Southern Norway**, Hauge, S (Cultural Heritage Management Office, City of Oslo)

0830 - 0850 **The periodisation of Bronze Age in the Eastern Baltic region: historiographical review of turning points and their significance for the cultural and social development**, Civilyte, A (Lithuanian institute for history)

0850 - 0910 **From the Bronze to the Iron Age in the Southern Baltic zone**, Slusarska, K (University of Gdansk)

0910 - 0930 **The re-organization of the cultural landscape c. 1200 BC. A case study from Scania, south Sweden and its wider European context**, Skoglund, P (Department of Historical Studies, University of Gothenburg)

0930 - 0950 **The Rise and Fall of an Early Bronze Age Settlement at the Eastern Fringe of Únětice Culture: An attempt to explain the MBA Depopulation in Eastern Central Europe**, Kneisel, J (Christian-Albrechts-University Kiel)

0950 - 1000 **Discussion**

Coffee break

1030 - 1050 **Times of Upheaval - Interdisciplinary investigations of social and population dynamics at the onset of the Central European Bronze Age in Southern Bavaria, Germany**, Knipper, C (Curt-Engelhorn Center for Archaeometry); Mitnik, A; Krause, J; Stockhammer, P; Massy, K; Pernicka, E

- 1050 - 1110 **New technologies as turning point: the case of metallurgy in eastern Sicily**, Vianello, A (independent researcher)
- 1110 - 1130 **A radical cultural change in the Nuragic society between the Final Bronze Age and the First Iron Age (1000 cal BC)**, Paglietti, G (University of Cagliari)
- 1130 - 1150 **Different origins for the terramare: from a “colonisation” to an “extensification” model?**, Danckers, J (University of Leuven - Research Group Archaeology)
- 1150 - 1210 **Collapse or something else? Settlement patterns in the Early Bronze Age in south-western Slovakia**, Tóth, P (Department of Archaeology, Faculty of Arts, Comenius University)
- 1210 - 1230 **Discussion**
- Lunch**
- 1330 - 1350 **What does really change and when? Recent research on the Late Bronze Age/Early Iron Age transition in Slovenia**, Črešnar, M (University of Ljubljana)
- 1350 - 1410 **From U-turns to graceful curves: greyscales of change in Bronze Age Landscapes**, de Neef, W (Groningen Institute of Archaeology / University of Groningen); van Leusen, M
- 1410 - 1430 **Law of supply and demand – economic fundamentals of change in Late Bronze Age Society of Southern Carpathian Basin**, Kalafatić, H (Institute of Archaeology)
- 1430 - 1450 **Great Migrations or Extended Spacetime? From the Middle to the Late Bronze Age in the Lower Danube**, Palincas, N (Vasile Parvan Institute of Archaeology; New Europe College)
- 1450 - 1510 **Transitions during the Late Bronze Age in Southeast Hungary**, Szeverényi, V (Hungarian Academy of Sciences); Czukor, P; Priskin, A
- 1510 - 1530 **Discussion**
- Coffee break**
- 1600 - 1620 **A Turning Point in a Connected World: Naue II Swords Revisited**, Suchowska-Ducke, P (Adam Mickiewicz University Poznan, Institute of Prehistory)
- 1620 - 1640 **New Finds from Seyitömer Mound in the Bronze Age**, Bilgen, D (Dumlupinar University)
- 1640 - 1700 **Reconfiguring the elites and the nature of society in late Prepalatial East Crete**, Pavlacky, M (University of Kent)
- 1700 - 1720 **Collapse and Continuity on the Greek Mainland in the last Phase of the Bronze Age**, Whittaker, H (University of Gothenburg)
- 1720 - 1740 **Before and after the catastrophe -1200 B.C. at Midea in the Argolid**, Schallin, A (University of Gothenburg)

1740 - 1800 **Discussion**

Poster

The Late Bronze Age of the Southern Transurals: formation of a new type of society between rivers Urshak and Dema, Shcherbakov, N (Bashkir State Pedagogical University named after M.Akmulla, Laboratory of method and methodology of human research); Shuteleva, I; Leonova, T

RI8 DEFINING SEX AND POWER: GENDER, SEXUALITY, AND HIERARCHIES IN ANCIENT MEDITERRANEAN MATERIAL CULTURE (AGE SESSION)

KELVIN BUILDING - ROOM 222

Chair: Miss. Sanja Vucetic / **Organiser(s):** Miss. Sanja Vucetic, Dr. Mira Green

1330 - 1340 **Introduction**

1340 - 1400 **The Role of Roman Women in Sacrificial Motifs on Roman Sarcophagi**, Baillargeon, D (University of Toronto)

1400 - 1420 **Building gender and power relationships in Sicily: A view from the native acropolei (8th-5th centuries BC)**, Ferrer Martín, M (Stanford University)

1420 - 1440 **Gender, identity and social interaction in prehistoric Cyprus: a multi-scalar approach**, Bolger, D (University of Edinburgh)

1440 - 1500 **Just Females? Applying Intersectionality to the Study of Phoenician and Punic Terracotta Figurines**, López-Bertran, M (Universitat Pompeu Fabra); Garcia-Ventura, A

1500 - 1520 **Cross-Dressing as Amazons in Roman Military Ceremonies? The Conundrum of Helmets with Female Face-Masks**, Dziurdzik, T (University of Warsaw)

1520 - 1530 **Discussion**

Coffee break

1600 - 1620 **Goddesses and Inspired Hunters among Servants: Representations of Landlords and Their Wives on Roman African Mosaics**, Mech, A (University of Warsaw)

1620 - 1640 **Gender dynamics and the Greek colonisation of southern Italy**, Saltini Semerari, G (Eberhard Karls Universität Tübingen)

1640 - 1700 **The Unexpected Ancestor: articulating the role of women from burials in Northern Basilicata (Southern Italy)**, Kok-Merlino, R (University of Amsterdam); Kok-Merlino, R

1700 - 1800 **Discussion**

RI9 DIFFUSION AND TRANSFORMATION OF BURIAL PRACTICES IN THE ITALIAN PENINSULA. INVESTIGATING THE CONNECTIONS BETWEEN FUNERARY CUSTOMS IN EUROPE AND THE MEDITERRANEAN DURING THE BRONZE AGE AND THE EARLY IRON AGE

GREGORY BUILDING - LECTURE THEATRE (109)

Chair: Dr. Luca Alessandri / **Organiser(s):** Dr. Luca Alessandri, Dr. Maja Gori, Prof. Alessandro Guidi, Dr. Serena Sabatini

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Inhumations, cremations and bi-ritualism in the Northern Italy Bronze Age necropoleis: ritual practices and social organization**, Cavazzuti, C (Museo Nazionale Preistorico Etnografico "Luigi Pigorini"); Cardarelli, A; Quondam, F
- 0830 - 0850 **Funerary practices in the second millennium BCE in central Tyrrhenian Italy: traditional and new models and their connections with social development**, Alessandri, L (University of Groningen); di Gennaro, F
- 0850 - 0910 **The Graveyard of Pozzuolo (Veii, Rome) in the Framework of the Italian Final Bronze Age: Archaeological, Anthropological and Archaeobotanical Data**, Guidi, A (Dipartimento Studi Umanistici Università Roma Tre); Nomi, F; Bondioli, L; Sperduti, A; Fiorentino, G; Speciale, C
- 0910 - 0930 **Houses of the Dead? A Comparative Approach to Hut and House Urns in Central Italy and Northern Poland**, Niedziółka, K (Institute of Archaeology and Ethnology, University of Gdańsk); Hall, J
- 0930 - 0950 **Recent excavations of the Iron Age and Archaic burial ground of Monte Del Bufalo at Crustumerium (Rome)**, Attema, P (Groningen Institute of Archaeology); Belelli, B; Nijboer, A
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **The Adriatic Funeral Party. Exploring Early Bronze Age Shared Identities Through Seaborne and Landborne Intertwining Networks**, Gori, M (University of Amsterdam)
- 1050 - 1110 **Bronze Age funerary practices in south-eastern Italy: local traditions and external connections**, Recchia, G (University of Foggia)
- 1110 - 1130 **Funerary evidence in Early Iron Age southern Italy: rituals, burial practices and social structure**, Quondam, F ("Sapienza")

University of Rome); Pacciarelli, M

1130 - 1150 **Tradition and innovation in the funerary practice of (pre-) colonial Francavilla Marittima, Calabria**, Guggisberg, M
(Departement Altertumswissenschaften)

1150 - 1230 **Discussion**



SA13 METALLURGICAL CRAFTS IN THE 1ST MILLENIUM AD EUROPE: TECHNOLOGY AND PRACTICES

KELVIN BUILDING - ROOM 312

Chair: Dr. Daniel Sahlen / **Organiser(s):** Dr. Daniel Sahlen, Dr. Thomas Birch, Mr. Guðmundur Sigurðsson

1330 - 1340 **Introduction**

1340 - 1400 **Fine metal working in the north - form, function and technology**, Armbruster, B (CNRS)

1400 - 1420 **Changes in metal quality and traditions in Danish ironworking during the 1st millenium AD**, Jouttijärvi, A (Heimdal-archaeometry)

1420 - 1440 **Beyond typologies: qualitative and statistical analysis of early Anglo-Saxon non-ferrous alloys from East Anglia**, Nicholas, M (Cardiff University)

1440 - 1500 **Continuity in the first four centuries: archaeometric analyses of iron smelting debris as a tool for examining similarities in technological practice across the Roman Empire**, Fillery-Travis, R (UCL)

1500 - 1520 **An integrated approach to the changes in the manufacture of the late antique crossbow brooch**, Van Thienen, V (Ghent University)

1520 - 1530 **Discussion**

Coffee break

1600 - 1620 **Alloy Composition and Recipes: Technological Specialisation in the Viking Age Mälär Valley**, Sahlen, D (The Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University)

1620 - 1640 **Metalworking in Early Medieval rural communities in the North of Spain (Basque Country)**, Quiros, J (University of the Basque Country); Larreina, D

1640 - 1700 **Analysing Scotland's earliest silver: The Glenmorangie Research Project Phase 3**, Blackwell, A (National Museums

- Scotland); Goldberg, M; Kirk, S
- 1700 - 1720 **The secrets of the Anglo-Saxon gold-smiths: The latest results from the analysis of the Staffordshire Hoard**, Blakelock, E (Birmingham Museum Trust)
- 1720 - 1740 **Stora Förvar - a Gotlandic Cave in Between Cultures**, Gustafsson, N (Archaeological Research Laboratory, Stockholm University)
- 1740 - 1800 **Discussion**

Poster

A closer look at Estonian Iron Age casting tools, Saage, R (Tartu University); Wärmländer, S

SA15 QUANTITATIVE AND QUALITATIVE APPROACHES TO PREHISTORIC WARFARE

KELVIN BUILDING – ROOM 257

Chair: Dr. Andrea Dolfini / **Organiser(s):** Dr. Andrea Dolfini, Dr. Christian Horn, Dr. Marion Uckelmann, Dr. Rachel Crellin

- 1330 - 1350 **The Neolithic Mass Grave of Halberstadt, Saxony-Anhalt and Patterns of Collective Violence in the Early Neolithic of Central Europe**, Meyer, C (State Office for Heritage Management and Archaeology Saxony-Anhalt)
- 1350 - 1410 **Experimental and skeletal approaches to prehistoric conflict**, Fibiger, L (University of Edinburgh)
- 1410 - 1430 **Examination of peri-mortem lesions on human bones from the Bronze Age battlefield in the Tollense Valley, Mecklenburg-Western Pomerania, Northeast Germany – an interdisciplinary approach**, Brinker, U (State Authority for Culture and Preservation of Monuments, Mecklenburg-Vorpommern); Staude, A; Jantzen, D; Orschiedt, J
- 1430 - 1450 **Physical trauma and warfare in Bronze Age Hungary**, Szeverényi, V (Hungarian Academy of Sciences); Giblin, J; Hajdu, T; Kulcsár, G; Kiss, V
- 1450 - 1510 **Fast like a war canoe – Pragmamorphism in Scandinavian rock art**, Horn, C (Christian-Albrechts-Universität Kiel)
- 1510 - 1530 **War and peace in Iberian Prehistory: an anthropological approach to violent scenes of Spanish Levantine rock art**, López-Montalvo, E (UMR 5608 TRACES CNRS)

Coffee break

- 1600 - 1620 **Unlocking Bronze Age Combat: Field experiments and use-wear analysis**, Crellin, R (University of Leicester); Dolfini, A; Uckelmann, M; Hermann, R
- 1620 - 1640 **Valour needs first strength, then a weapon: Bronze Age weapons in East Central Sweden**, Forsgren, M (Independent Scholar, Master of Arts)
- 1640 - 1700 **Can the 'value' of warfare in the Late Bronze Age be interferred from prestigious metal craftwork?**, Lehoerff, A (Lille University)
- 1700 - 1720 **Metal body armour in the European Bronze Age: manufacture and usage**, Mödlinger, M (Université Bordeaux Montaigne - IRAMAT-CRP2A UMR 5060 CNRS)
- 1720 - 1740 **Standardised war gear in Iron Age Scandinavia: The case of the Havor lance**, Birch, T (Institut für Archäologische Wissenschaften der Goethe-Universität Frankfurt am Main)
- 1740 - 1800 **Discussion**

Posters

Humeral asymmetry and burial rite: gaining insights on the significance and the use of weapons in a warlike society, the case on the Aterno Valley necropolis (Italy), Gentile, V (Leiden University - Faculty of Archaeology); Sparacello, V; D'Ercole, V; Coppa, A

Warfare and Symbology in protohistory: Decorations on Warriors' Weapons in Southern Italy During the Early Iron Age, Abbate, S (university of Rome "La Sapienza")

SA16 RECYCLING THINGS AND IDEAS: LINKING SCIENTIFIC, ARCHAEOLOGICAL AND CONCEPTUAL APPROACHES TO THE REUSE OF MATERIALS IN THE PAST

KELVIN BUILDING – ROOM 257

Chair: Dr. Peter Bray / **Organiser(s):** Dr. Peter Bray, Dr. Aurélie Cuénod, Dr. Chloë Duckworth, Patrick Degryse, Marianne Mödlinger

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Recycling things and ideas: Case studies and themes in studying reuse in the past**, Bray, P (RLAHA, University of Oxford); Cuénod, A; Duckworth, C; Degryse, P
- 0830 - 0850 **Recycling pottery sherds and iron slag as tools: An application of archaeological and experimental approaches at the site of Sadia (Mali, West Africa)**, Jeanbourquin, C (Laboratoire

- Archéologie et Peuplement de l'Afrique); Vieugué, J; Mayor, A
- 0850 - 0910 **Exploring Use and Re-Use of Textiles at the Late Roman Port of Berenike, Egypt**, Plesa, A (Vrij Universiteit Amsterdam)
- 0910 - 0930 **Recycling and reusing Roman marble objects in the NW Spain: The case of Santa Comba de Bande church**, Gutiérrez García-Moreno, A (Institut de Recherche sur les ArchéoMATériaux (IRAMAT) - Centre de Recherche en Physique Appliquée à l'archéologie (CRP2A)); González Soutelo, S; Royo Plumed, H
- 0930 - 0950 **Quantifying Roman glass recycling**, Degryse, P (KU Leuven - BE 0419.052.173)
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Rethinking Recycling after the Romans: The importance of considering recycling in interpreting glass in early Anglo-Saxon Britain**, Sainsbury, V (University of Oxford)
- 1050 - 1110 **Recycling scrap metal in early medieval Iceland**, Birch, T (Institut für Archäologische Wissenschaften der Goethe-Universität Frankfurt am Main); Sahlén, D; Sigurðsson, G; Kasztovszky, Z
- 1110 - 1130 **Characterising the flow of copper: Interpreting metal recycling in Europe from the Early Bronze to Early Modern Ages**, Bray, P (RLAHA, University of Oxford)
- 1130 - 1150 **Towards an archaeology of failure: flawed and recycled artifacts from Late Bronze Age Thebes, Greece**, Dakouri-Hild, A (University of Virginia)
- 1150 - 1230 **Discussion**

Poster

Reuse of textiles: the example of a workshop in Brandes-en-Oisans (12th-14th c, France). First results, Retournard, E (Université de Bourgogne, UMR 6298 ARTeHIS)

SA17 REMOTE SENSING, MULTIMODAL SOLUTIONS AND QUANTITATIVE METHODS IN HERITAGE MANAGEMENT

HUMANITIES LECTURE THEATRE (G255)

Chair: Dr. William Megarry / **Organiser(s):** Dr. William Megarry, Dr. Till Sonnemann, Dr. Douglas Comer

- 0800 - 0810 **Introduction**
- 0810 - 0830 **More than Meets the Eye: Sites, Sampling and Statistics in Remotely Sensed Data**, Megarry, W (University College Dublin/

The Johns Hopkins University)

- 0830 - 0850 **Surveying the dunes: applications of Earth Observation in monsoonal semi-arid environments (North Gujarat, India)**, C. Conesa, F (Complexity and Socio-Ecological Dynamics (CaSEs) Research Group. University Pompeu Fabra)
- 0850 - 0910 **Integrated Propection Methods for Documenting Threatened Prehistoric Archaeological Sites from North-Eastern Romania**, Asandulesei, A (Alexandru Ioan Cuza University of Iasi)
- 0910 - 0930 **Forward modelling remote sensing (geophysical) data for landscape reconstructions across the transition zone**, Bates, R (University of St Andrews); Bates, M
- 0930 - 1000 **Discussion**
Coffee break
- 1030 - 1050 **Searching for Guacanagarix' Footprints - Remote Sensing Analysis of pre-Colonial Archaeological Evidence in the Greater Antilles**, Sonnemann, T (Leiden University); Megarry, W; Comer, D
- 1050 - 1110 **Scanning the Landscape: Efficient Processing of High-resolution Geophysical Survey Data in Open Source GIS**, Ducke, B (German Archaeological Institute (DAI)); Komp, R; Messal, S
- 1110 - 1130 **Endangered Archaeology in the Middle East and North Africa**, Bewley, R (Oxford University)
- 1130 - 1150 **The value of complementarity: Integrating traditional and modern ways in archaeological remote sensing**, Gojda, M (Institute of Archaeology, Czech Academy of Sciences)
- 1150 - 1230 **Discussion**

Posters

Mapping and documentation of burial mound cemeteries in West Bohemia by the help of Airborne laser scanning, Kristuf, P (Department of Archaeology, University of West Bohemia in Pilsen)

Non-invasive surveying of the archaeological resources potential of the Bobolice region, West Pomeranian Voivodeship, Pawleta, M (Institute of Prehistory)

Circles in the rye: Neolithic „twin“ enclosures on the south of Carpathian Basin, Croatia, Šiljeg, B (Institute of Archaeology); Kalafatić, H; Hršak, T

Mapping of Pre-Columbian settlement topography through UAS Photogrammetry, Sonnemann, T (Leiden University)

SA2 3D CULTURAL HERITAGE: SCIENTIFIC APPLICATIONS AND COMMUNICATION MEDIUMS

BOYD ORR - LECTURE THEATRE 1

Chair: Dr. Lyn Wilson / **Organiser(s):** Dr. Lyn Wilson, Dr. Stuart Jeffrey, Mr. Robert Shaw, Mr. Anthony Corns, Alastair Rawlinson

- 0800 - 0810 **Introduction**
- 0810 - 0830 **Knowledge-based photogrammetry and odometry for deep underwater archaeology. The case study of Xlendi wreck in Malta**, Drap, P (CNRS); Merad, D; Seinturier, J; Hijazi, B; Gaoua, L; Chemisky, B
- 0830 - 0850 **Fragmented Heritage – multiscale approaches to digital documentation of cultural heritage**, Wilson, A (University of Bradford); Evans, A; Sparrow, T; Donahue, R
- 0850 - 0910 **Identifying constants in 3D digital archeology**, Barreau, J (CNRS); Bernard, Y
- 0910 - 0930 **Discussion**
- Coffee break**
- 1000 - 1020 **Standards for 3D documentation in archaeology**, Niccolucci, F (PIN); Felicetti, A; Amico, N; Ronzino, P; Hermon, S
- 1020 - 1040 **Mapping, Monitoring and Visualising Decay on Historic Structures**, Meneely, J (Queens University Belfast)
- 1040 - 1100 **Underwater photogrammetry in a terrestrial excavation: San Domenico (Prato-Italy)**, Drap, P (CNRS); Merad, D; Gaoua, L; Pruno, E; Marcotulli, C; Vannini, G
- 1100 - 1120 **Digital documentation and modelling of archaeological structures as a form of cultural heritage promotion. (Perspectives, problems and results). Case study of the Bratislava castle**, Zitnan, A (VIA MAGNA, s.r.o.); Zachar, J; Janković, M; Špehar, P
- 1120 - 1200 **Discussion**
- Lunch**
- 1330 - 1350 **From potsherds to interactive objects. Reconstructing ancient potting techniques and engaging the public through 3D technologies**, Opgenhaffen, L (University of Amsterdam); Louwaard, M; Kisjes, I; Revello Lami, M
- 1350 - 1410 **The MicroPasts Project: The Power of 3D, Digital Archaeology and Citizen Science**, Keinan-Schoonbaert, A (UCL Institute of Archaeology)
- 1410 - 1430 **Out of the Archaeologist's Desk Drawer: Communicating**

Archaeological Data Online, Abate, D (ENEA Research Centre); Massimiliano, V

1430 - 1450 **4D Photogrammetry: Novel Applications of Photogrammetry at the tell site of Tall al-'Umayri, Jordan**, Vincent, M (Universidad de Murcia); Vincent, M; Logee, J; Flores Gutierrez, M

1450 - 1510 **3D surface scanning: an application to the human settlement in the New World and potential use for museum conservation and communication**, Galland, M (School of Archaeology, University College Dublin)

1510 - 1530 **Discussion**

Coffee break

1600 - 1620 **3D documentation of Ireland's iconic heritage: developing and exploiting this rich resource**, Shaw, R (The Discovery Programme); Corns, A

1620 - 1640 **The Afterlife of the Porticus Aemilia in 3D**, Kok-Merlino, R (University of Amsterdam); Burgers, G; Brouwenstijn, B

1640 - 1700 **Digitised Diseases: 3D models of diseased bone for specialist archaeological and medical audiences and wider public interest**, Wilson, A (University of Bradford); Sparrow, T; Holland, A; Buckberry, J

1700 - 1720 **Wemyss Caves 4D: a review of the contribution of 3D digital documentation to the preservation, management and interpretation of a challenging heritage subject**, Hambly, J (St Andrews University); Abbott, M; Strange-Walker, D; Macgregor, G

1720 - 1740 **Recreating the Staffordshire Hoard: using new technologies to allow greater access to objects**, Greaves, P (Birmingham Museums Trust); Cooper, F

1740 - 1800 **Discussion**

Posters

3D scanning of the Neolithic heritage, Poland, Rauba-Bukowska, A (Archeometria); Juszczuk, K

Medium and message; applications of 3D digital recording. From the macro to the micro, archaeological research and communication approaches, Griffiths, S (Manchester Metropolitan University); Edwards, B

SA23 THE SOCIAL CONTEXT OF METALLURGY: MATERIAL AND IDENTITY

Chair: Ms. Vana Orfanou / **Organiser(s):** Ms. Vana Orfanou, Ms. Ruth Fillery-Travis, Mr. Thomas Birch

- 0800 - 0810 **Introduction**
- 0810 - 0830 **The metal objects from the Eneolithic settlement of Sultana-Malu Roșu (south-east of Romania): integrating morphological characteristics with social context**, Darie, A (National Museum of Romanian History); Niculescu, G; Georgescu, M; Lazar, C
- 0830 - 0850 **Kings of Metal? The role of metallurgy in the Eastern Bell Beaker group**, Merkl, M (Landesamt fuer Denkmalpflege Baden-Wuerttemberg)
- 0850 - 0910 **Prehistoric metallurgy in south-eastern Switzerland (Oberhalbstein, Grisons)**, Turck, R (Universität Zürich); Della Casa, P
- 0910 - 0930 **Casting aside assumptions: the social context of bronze technology in later prehistoric Britain**, Adams, S (University of Bristol); Webley, L; Brück, J
- 0930 - 0950 **Early Iron Age Gold from South-West Germany: New evidence by technological studies and material analyses**, Leusch, V (Curt-Engelhorn-Center Archaeometry); Schorer, B
- 0950 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Exploring early mining and metalworking using geochemical records from bogs**, Mighall, T (University of Aberdeen)
- 1050 - 1110 **Iron production without a furnace: identifying socio-economic influences in Roman period iron production from debris alone**, Fillery-Travis, R (UCL)
- 1110 - 1130 **Cutting into Identity: Tweezers from Two Archaeological Contexts, in Mexico and Peru**, Cockrell, B (Dumbarton Oaks Research Library and Collection)
- 1130 - 1150 **Configuration of identities around iron technologies in the High Casamance Region of Senegal**, Campos Quintero, L (University College London)
- 1150 - 1210 **Smelters and Ironsmiths in Great Zimbabwe urbanism: exploring interaction between technological innovation and socio-environmental dynamics**, Mtetwa, E (Uppsala University)
- 1210 - 1230 **Discussion**

Posters

Late Bronze Age Metal Artefacts from the River Drava in Croatia: A Technological

Perspective on the Social Practice of River Offerings, Karavanic, S (Institute of Archaeology); Kudelic, A; Franjic, A; Radivojevic, M

Smelting of the iron ore throughout different historical periods - Virje - a case study, Sekelj Ivančan, T (Institute of archaeology)

You shall not appear empty-handed: the gods and copper metallurgy in Early Iron Age Greece, Orfanou, V (Institute of Archaeology, UCL)

Accidentally tracing use on copper alloy artefacts: the case of Crasto de Palheiros, Abrunhosa, A (UAlg / ICAREHB)

From figurine to Tuyère: Re-interpretation of a goddess figurine using Artisanal interpretation of a find from the Bronze Age site of Pryssgårdén in the southeast of Sweden, Botwid, K (Department of Archaeology and Ancient history)

Recycling, reusing and depositing technical ceramics during the LBA-EIA, Eklöv Pettersson, P (Lund University)

SA4 CLIMATE AND SETTLEMENT IN MOUNTAIN ENVIRONMENTS

GILBERT SCOTT - ROOM G466

Chair: Prof. Philippe Della Casa / **Organiser(s):** Prof. Philippe Della Casa, Prof. Karsten Lambers, Dr. Thomas Reitmaier

- 1330 - 1340 **Introduction**
- 1340 - 1400 **Life in the mountains: hunter-gatherer settlement strategies and technologies and the changing environments of the Cairngorm Mountains, Scotland**, Wickham-Jones, C (University of Aberdeen, Department of Archaeology); Fraser, S; Noble, G; Warren, G
- 1400 - 1420 **"Inhospitable Alps?" - 10'500 years of human activity in the Eastern Alps compared to Holocene climate evolution**, Walser, C (University of Bamberg); Lambers, K
- 1420 - 1440 **Schnidejoch (2756 m a.s.l., Western Bernese Alps, Switzerland). Did holocene glacier advances close the alpine pass for human transhumance?**, Hafner, A (University of Bern); Grosjean, M
- 1440 - 1500 **Evidence for the creation of human dominated high altitude landscapes in the Southern French Alps**, Walsh, K (University of York); Mocci, F; Brisset, E

1500 - 1530 **Discussion**

Coffee break

1600 - 1620 **On and Off? Central Alpine Bronze Age Settlements in the Light of Climate and Social Developments**, Della Casa, P (University of Zurich)

1620 - 1640 **Terraced landscapes of the Lower Engadine, Switzerland**, Lambers, K (University of Bamberg); Kothieringer, K; Della Casa, P; Mächtle, B

1640 - 1700 **OSL and Archaeological Dating of Terrace Walls and the emergent of Terrace farming in the Judean Highlands of Israel**, Gadot, Y (Tel-Aviv University); Porat, N; Davidovich, U; Avni, Y

1700 - 1720 **Lithic Production and Upland Hunting during the Younger Dryas in the Central Alaska Range, USA**, Wygal, B (Adelphi University); Krasinski, K

1720 - 1740 **A millennium of changing environment in the Kangersuneq and the Kapisillit fjord system, West Greenland: Interdisciplinary analyses of climate variability and cultural landscapes**, Lennert, A (Greenland Climate Research Center)

1740 - 1800 **Discussion**

Posters

Coping with the mountains during the early Middle Ages. Examples from Sudetenland, Lisowska, E (University of Wrocław, Institute of Archaeology)

Climate Effects on the Long Term Settlement Ecology of the Andahuaylas Region of Southern Highland Peru, Kellett, L (University of Maine at Farmington); Valencia, B

SA5 CLIMATE AND SOCIETY IN THE ANCIENT NEAR EAST: NEW PALAEOCLIMATE AND PALAEOENVIRONMENTAL RECONSTRUCTIONS, CLIMATE MODEL SIMULATIONS, AND ARCHAEOLOGICAL IMPLICATIONS

JOSEPH BLACK - ROOM 504

Chair: Dr. Bülent Arikan / **Organiser(s):** Dr. Bülent Arikan, Dr. Pascal Flohr, Prof. Dominik Fleitmann

0800 - 0810 **Introduction**

0810 - 0830 **Creating high resolution climate reconstructions from statistically downscaled palaeoclimate simulations**, Gauthier, N (Arizona State University)

- 0830 - 0850 **The Comparison of the middle Holocene (ca. 6,000 – 2,600 cal. BP) Paleoclimatic Patterns in the Amuq Plain (southern Anatolia) with the Upper Euphrates and Tigris Basins (eastern and southeastern Anatolia) through Macrophysical Climate Modeling**, Arikan, B (Istanbul Technical University)
- 0850 - 0910 **Did Early Holocene climate events affect Neolithic farming societies in the Near East?**, Flohr, P (University of Reading); Matthews, R; Matthews, W; Fleitmann, D; Black, S
- 0910 - 0930 **Climatic Changes and Social Transformations in the Near East During the 6th millennium BP: A Comparative Study of Environmental and Archaeological Evidence**, Clarke, J (University of East Anglia); Brooks, N
- 0930 - 1000 **Discussion**
- Coffee break**
- 1030 - 1050 **Late Neolithic Paleolandscapes in the Black Desert of Jordan**, Rollefson, G (Whitman College)
- 1050 - 1110 **Climatic changes at the transition from foraging to sedentism in southern Levant: the contribute of carbon isotope analyses of archaeological charcoals**, Caracuta, V (Weizmann-Max Planck Centre for Integrative Archaeology and Anthropology; D-Reams Radiocarbon Laboratory); Boaretto, E
- 1110 - 1230 **Discussion**

Poster

The contribution of cave palynology to the reconstruction of Near East vegetation: the Shanidar Cave Project (Kurdish Iraq), Fiacconi, M (Liverpool John Moores University)

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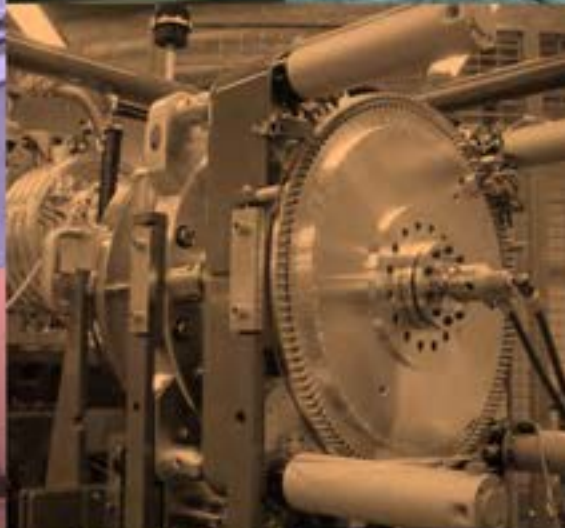
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