

**ANNUAL REPORT
AND ACCOUNTS**

**FOR THE YEAR ENDED
31 MARCH 2011**



'The Academy of Europe'

**21, Albemarle street, London. W1S 4HS,
United Kingdom**

Tele: +44 (0) 20 7495 3717 Fax: +44 (0) 20 7629 5442

Email: admin@acadeuro.org Web: <http://www.acadeuro.org>

**Company limited by Guarantee and registered at Companies
House. Registration number 7028223
Registered as a Charity. Registration number 1133902**

THE TRUSTEES, AND COUNCIL OF THE ACADEMIA EUROPAEA

Board of TRUSTEES

President:	Professor Lars Walløe	Oslo
Vice President:	Professor Sierd Cloetingh	Amsterdam
Hon. Treasurer: (from January 2010)	Professor Sir Roger Elliott	Oxford
Foreign Secretary	Professor Jerzy Langer	Warsaw (co-opted)
Members 2010)	Professor Michel Che	Paris
	Professor Peter Emmer	Leiden
	Professor Cinzia Ferrini	Trieste
	Professor Andreu Mas Colell	Barcelona (co-opted - December
	Professor Theo D'haen	Leuven (co-opted)
	Professor Ole Petersen	Cardiff (co-opted)

Advisory Council Members (independent members):

Professor Susan Bassnett	Warwick (re-elected 09/ 2010)
Professor Cinzia Ferrini	Trieste (re-elected 09/ 2010)
Professor Josef Gruska	Brno (retired September 2010)
Professor Margit Sutrop	Tartu (retired September 2010)
Professor Balazs Gyulas	Stockholm (elected 09/2010)

The AGM of September 2006, a change to the regulations was adopted and confirmed, to make all of the chairs of Academic Sections of the Academia formal members of the Council. At that time also the number of individually elected members to Council was set at a maximum of 5. These changes consolidated earlier proposals so as to ensure a better involvement of Sections in the governance of the Academia Europaea. The list of Section chairs, as at 31 March 2011, is at annex 1a of this report. Prof. Petersen serves as chair of the Nominations subcommittee. Members of the Nominations sub Committee are listed at Annex 1b

At the AGM held in September 2010. The members approved the Board of Management (Trustees). The composition of that Board at 31st March 2011 is:

The President – Lars Walløe
The Vice President – Sierd Cloetingh
The Treasurer – Roger Elliot
The Chair of the Nominations Sub committee – Ole Petersen – Co-opted
Professor Michel Ché (Paris) – nominee of the Natural Sciences Sections on Council
Professor Cinzia Ferrini (Trieste) – nominee of the independent members of Council
Professor Peter Emmer (Leiden) – nominee of the Humanities Sections on Council
Professor Theo D'haen (Leuven) – Editor-in-chief of the European Review – Co-opted
Professor Jerzy Langer (Warsaw) – Foreign Secretary – Co-opted
Professor Andreu Mas-Colell (Barcelona) – Sponsorship – Co-opted (December 2010)

London Secretariat

Executive Secretary:	Dr David Coates
Senior Administrator:	Ms Teresa McGovern
Finance Manager:	outsourced
Membership Secretary:	Ms Betty Lim

Auditors

Keith-Vaudrey & Co
Chartered Accountants
First Floor, 15 Young St.
London W8 5EH

Principal Bankers

NatWest Bank Plc
PO Box 2AG
63, Piccadilly
London W1A 2AG

Solicitors

Hewitson Becke+Shaw
Shakespeare House
42, Newmarket Road
Cambridge. CB5 8EP

ACADEMIA EUROPAEA

The structure of the Academia Europaea

Prior to 2010 the Academia Europaea operated under a Deed of trust and was registered as a Charity with the Charity Commission of England and Wales (former registration number 1001978).

On 23 September, 2009: the Academia Europaea was incorporated as a Company limited by Guarantee and was registered at Companies House (number 7028223. see

<http://wck2.companieshouse.gov.uk/9ceed4107ba5ab162ec02ea230aa9ce4/compdetails>).

The Company was also registered as a not-for-profit charity (registration number 1133902,

see [http://www.charity-](http://www.charity-commission.gov.uk/Showcharity/RegisterOfCharities/CharityFramework.aspx?RegisteredCharityNumber=1133902&SubsidiaryNumber=0)

[commission.gov.uk/Showcharity/RegisterOfCharities/CharityFramework.aspx?RegisteredCharityNumber=1133902&SubsidiaryNumber=0](http://www.charity-commission.gov.uk/Showcharity/RegisterOfCharities/CharityFramework.aspx?RegisteredCharityNumber=1133902&SubsidiaryNumber=0))

The mission of the Academia Europaea

The Academia Europaea is an international, non-governmental association of individual scientists and scholars, who are experts and leaders in their own subject areas as recognised by their peers.

The Academia will:

- Promote European scholarship and research and increase the wider appreciation of its value and importance
- Make recommendations to national governments and international agencies concerning matters affecting science, scholarship and academic life in Europe.
- Encourage interdisciplinary and international research in all areas of learning, particularly in relation to European issues.
- Identify topics of trans-European importance to science and scholarship, and propose appropriate action to ensure that these issues are adequately studied.

The Academia will endeavour to:

- Encourage the highest possible standards in scholarship, research and education.
- Promote a better understanding among the public at large of the benefits of knowledge and learning, and of scientific and scholarly issues, which affect society, its quality of life and its standards of living.

Trustees' report for the year ended 31 March 2011

The Trustees would like to thank all of the organisations that have sustained the Academia through their generous financial sponsorships and those that have contributed to specific events and activities of the Academia during the year. These organisations are identified in various places within this report and in the accounts and have been associated with the various reports of events held during the period of this report, where appropriate. The Trustees have been active in their engagement in the affairs of the Academia and a majority attended every Board (and the annual Council) meeting. Trustees were active in monitoring the implementation of changes to the various structures of the Academy and with respect to the financial management of the Academy. The Trustees wish to express their gratitude to the elected officers of the Academy for their hard work on behalf of the membership. This work has been carried out against a background of increasing financial restrictions and a very difficult sponsorship environment. The Board wish to highlight the successful continuation of the implementation of a Riksbankens Jubileumsfond five-year grant to secure a sustainable infrastructure and communications strategy that will improve the outreach and visibility of the Academia in the longer-term and to express specific thanks to Professor Hermann Maurer and the authorities of the Technical University of Graz for their dedicated support. The Trustees regard this development as a cornerstone to the delivery of the objectives of the Academia into the future. That future will see an extension of the capacity and reach of the activities of the Academia, with a planned opening of a new "Knowledge Hub" facility to be based in Wroclaw, Poland with the generous support of the City authorities. The Trustees will also continue to work to make the membership of the Academia Europaea more representative of the academic excellence that exists in the community of European scholars. The Trustees will ensure that the ethos, of the Academia Europaea is carried forward into the new office base in 2011. The Trustees have recognised the very difficult economic circumstances that are current. The Board have now agreed plans that will see rationalisation of the UK office base, so as to conserve resources and to allow for the new developments that are planned. The Trustees, therefore place on record, their belief that at the time of compilation of this report, there are no further unforeseen risks that may place this continuation in jeopardy.

Activities during the year, April 2010 - March 2011

Through the efforts of the Board of Trustees, the financial position continued to meet the demands of the objectives set for the Academy. However there were unexpected reductions in core sponsorship and some financial management difficulties caused by external suppliers that put severe pressure on financial resources towards the last quarter of the financial year. The Board have put into place, plans to manage the Academia against a severely restricted financial position for the coming year. Over the year the general costs of administration of the Academy were contained at a level that was predicted and that permitted the objectives of the Trust to be met. Generous donations by a number of Foundations and sponsoring organisations enabled the Board to support a range of specific activities. These achievements were in-line with the targets set out in the business plan. That plan, also set out objectives for infrastructure developments with regard to communications. Steps were taken to implement these objectives as a result of a five-year grant from the Swedish Foundation – The Riksbankens Jubileumsfond. The Trustees are pleased to report that during the year, the Academia organised and collaborated on a number of major conferences and general meetings and continued to develop publications. These are described in the following sections.

Annual Meeting of the Academia Europaea 2010.

The 22nd annual conference (September 24 – 26, 2009) of the Academia Europaea was held at the University of Leuven (KU Leuven), Belgium

Professor Theo d'Haen (Literary Studies), who acted as local organiser. The Trustees wish to record specific thanks for his efforts in organising a memorable meeting. Members of the local organising group were: Freddy Adams (U. Antwerpen), Désiré Collen (KU Leuven), Herman Cousy (KU Leuven), Erik Declercq (KU Leuven), Erik Decorte (KU Leuven), Jules Deutsch (Université Catholique de Louvain), Karel Dobbelaere (KU Leuven), Jacques Dreze (UC Louvain), Théophile Godfraind (UC Louvain), Hendrik Van Gorp (KU Leuven), Charles Joachain (UL Bruxelles), Michel Lechat (UC Louvain), Koen Lenaerts (KU Leuven), Geert Lernout (U. Antwerpen), Amand Lucas (FUNDP Namur), Paul De Meester (KU Leuven), Jacques Nihoul (U. Liege), André Oosterlinck (KU Leuven), Guy Orban (KU Leuven), Rene Thomas (UL Bruxelles), Herman Vanden Berghe (KU Leuven), Herman Van der Wee (KU Leuven), Paul Vandenplas (RMA Brussels), André Van der Vorst (UC Louvain), Joos Vandewalle (KU Leuven), Chantal Zabus (Paris III et XIII),

The theme was; “*Beyond Lisbon: Europe as Knowledge-Intensive Society*”

Sessions and speakers included;

The Lisbon Agenda 2010 and beyond: Aspiration or Reality?

Chair: Lars Walløe Rapporteur: Iannis Goerlandt

Robert Jan Smits (DG for Research, European Commission)

José Manuel Silva Rodriguez (former DG for Research, European Commission)

Roland Schenkel (DG of the EU Joint Research Centre)

Andreu Mas-Colell (Secretary General of the European Research Council)

Norbert Kroo (Past President European Physical Society)

Ian Halliday (President ESF)

Brian Heap (President European Academies Science Advisory Council)

European Science: Technologies at the Cutting Edge?

Chair: Freddy Adams (Universiteit Antwerpen)

Helmut Dosch (GENNESSYS, DESY) Research Infrastructure for the Nanoworld

Hendrik van Brussel (KU Leuven) Robots, the Sorcerer's Apprentice Broom?

Geert De Jaeger (Ghent U.) Global Challenges for Plant Biotechnology and Genomics

Eric Lambin (UC Louvain) Pathways of Land-use Changes in an Era of Globalisation

European Scholarship: Serving Society?

Chair: Anne Buttimer (University College Dublin)

Walter van Gerven (KU Leuven) Law in Europe

Arjen van Witteloostuijn (U. Antwerpen) Sociology: Why the EU Is Not Delivering

Peter Nijkamp (Amsterdam) The Economics of the Age of Migration

European Humanities: Putting Europe into context?

Chair: Pieter Emmer (Leiden)

Peer Vries (Vienna) Was there Something Peculiar to European knowledge?
Wim Blockmans (NIAS & Leiden) More, Bigger, and also Better?
Geert Lernout (Antwerp) Who Wrote What and Why?

Presentations by new members (elected in 2009)

Chair: Sierd Cloetingh (Vrije Universiteit Amsterdam)

Julian Hunt (London) – Mathematics - Patterns and Predictability in Different Systems
Seth Stein - Earth Sciences - Why Seismologists Can't Predict Earthquakes
Luc Steels – Informatics - Building theories for the evolution of language through language game experiments with autonomous robots
Andreu Mas-Colell – Economics

Medical and Bio-medical Sciences Including Neuroscience

Chair: Théophile Godfraind (UC Louvain)

Alex Verkhratsky (Manchester University) Neuroglia Is Not a Passive support for Neurons
Bernd Nilius (KU Leuven) TRP channels - Novel Players in the Brain: the Good and the Ugly
Bertil Fredholm (Karolinska, Stockholm) How Drugs Can Stimulate Psychic Functions - Using Caffeine as an Example
Stanislas Dehaene (College de France) Cognitive Imaging: Visualizing the Neural Bases of Human Brain Functions

The proceedings all started with the usual Annual Business Meeting of members of the Academia, followed in the early evening, by an opening session which included speeches of welcome from **Theo D'haen** (Local Organiser), **Mark Waer** (Rector of Leuven University) and **Lars Walløe** (Academia Europaea President); the presentation and induction of new members of the Academia; the award the Burgen Scholarships and book prizes to young post doctoral researchers working in Belgium. A reception followed.



The 2010 Erasmus Medal was awarded to **Professor Jean M.J. Fréchet (MAE)** who is Henry Rapoport Professor of Chemistry and Chemical Engineering at University of California, Berkeley

Jean Fréchet received his first university degree at the Institut de Chimie et Physique in Lyon. He is a principal investigator in the Materials Science Division of the Lawrence Berkeley National Laboratory, and is the Scientific Director of the Organic and Macromolecular Facility for the Molecular Foundry, Lawrence Berkeley National Laboratory. He has authored about 800 scientific papers and holds over 70 United States patents. His research at the interface of organic and polymer chemistry is in the broad area of nanoscience and nanotechnology, and is directed towards functional macromolecules, their design, synthesis, and applications. Current topics include new synthetic approaches to macromolecules with controlled architecture, engineered polymer systems and molecular machines; the design, synthesis, and applications of dendritic and other functional polymers; novel materials for directed nanoscale patterning and growth; energy harvesting and conversion; organic electronics; bioinspired catalysis with synthetic macromolecules; polymers in separation and molecular recognition; and functional macromolecules for targeted drug delivery, diagnostics, and immunotherapy.



Awards and Honours

1983 IUPAC Canadian National Committee Award.
1986 Polymer Society of Japan Lecture Award.
1986 American Chemical Society, Doolittle Award in Polymer Materials Science & Engineering.
1987 IBM Professor of Polymer Chemistry.
1994 American Chemical Society, Cooperative Research Award in Polymer Science.
1996 American Chemical Society, ACS Award in Applied Polymer Science.
1995 Peter J. Debye Chair of Chemistry, Cornell University, NY.
1999 Society of Imaging Science and Technology, Kosar Memorial Award.
2000 American Chemical Society, ACS Award in Polymer Chemistry.
2000 Elected Member of the US National Academy of Sciences.
2000 Elected Fellow of the American Association for the Advancement of Science.
2000 Elected Fellow of the PMSE Division of the American Chemical Society.
2000 Elected Member of the US National Academy of Engineering.
2000 Elected Fellow of the American Academy of Art and Sciences.

2001 American Chemical Society, A.C. Cope Scholar Award.
2001 American Chemical Society, Salute to Excellence Award.
2002 Docteur (Honoris Causa), Université de Lyon I (France).
2003 Henry Rapoport Chair of Organic Chemistry, University of California, Berkeley.
2004 Docteur de L'Université, Université d'Ottawa, (Canada).
2005 Chemical Communications 40th Anniversary Award.
2005 Esselen Award for Chemistry in the Service of the Public.
2006 Macro Group UK Medal (joint Royal Society for Chemistry and Society of Chemical Industry award for outstanding achievement in the field of Macromolecular Chemistry).
2007 Arthur C. Cope Award (American Chemical Society award for outstanding achievement in the field of Organic Chemistry).
2007 Dickson Prize in Science, Carnegie Mellon University.
2007 Industrial Science Institute Medal (Japan).
2008 D.Sc. (Honoris Causa), University of Liverpool, UK.
2009 Arun Guthikonda Memorial Award, Columbia University.
2009 Society of Polymer Science of Japan, International Award for the "Development of functional polymers from fundamentals to applications".
2009 Carothers Award for "Outstanding contributions and advances in industrial applications of chemistry".
2009 Herman Mark Award, American Chemical Society.
2009 Elected as a Foreign member of the Academia Europaea (The Academy of Europe)

The Laudation was given by **Professor Michel Che (Paris)** Chair of the Chemistry Section.

Professor Freché then delivered the **2010 Erasmus Lecture**: "*Designing polymers for applications: from technology to medicine*", which will be published in a future issue of The European Review.

The 2010 Erasmus Lecture and Medal ceremony was sponsored by The Heinz Nixdorf Foundation (see this link for further information <http://www.heinz-nixdorf-stiftung.de/>)

 **Heinz Nixdorf Stiftung**

The 2010 Burgen Scholars

The Burgen Scholarships, are named in honour of our founding President – Professor Arnold Burgen.

They provide recognition to younger European scholars, at the post-doctoral level, who are emerging talents and potential future leaders in their field. Recipients may or may not yet have an established position.

The nomination of candidates is a task given to the members of the Academia resident in the country that is hosting the annual meeting.

Up to ten awards are made. The awards cover the costs of attendance and participation in the Annual Conference (travel, accommodation and registration fees).

The Burgen Scholarship award is marked by a citation and presentation of a certificate to the successful candidates, and a prize generously donated by the Cambridge University Press.

A local committee of Academia members who are responsible for the organisation of the Annual Conference make the final selection of the list of Burgen scholars from amongst those nominated by their fellow national members of the Academia Europaea.

The 2010 scholars were:

Nele Bemong - is a Postdoctoral Fellow of the Research Foundation Flanders (FWO) at the University of Leuven (K.U.Leuven, Belgium). She studied Germanic Languages at the K.U.Leuven from 1997 until 2001, and then took a specialised year in Literary Studies. Her master thesis dealt with the 1925 correspondence of the Flemish novelist Stijn Streuvels (1871-1969) and his editor Joris Lannoo (1891-1971). For this master thesis, she received the first CTB-Award from the Royal Academy for Dutch Language and Literary Studies. Nele Bemong started her PhD research at the KULeuven in 2002 and obtained her PhD degree in 2007 with a dissertation on the forms and functions of the Belgian historical novel in the first half of the 19th century. Since October 2007 she

has been working as a Postdoctoral Fellow at K.U.Leuven. During her postdoc she has been working on a project that studies the historical novel in Belgium in the second half of the 19th century. Nele Bemong teaches courses on 19th-century Belgian and Dutch literature, on the historical novel and on literary theory. She is co-editor of the volume *Re-thinking Europe: Literature and (Trans)National Identity* (Amsterdam/New York: Rodopi 2008), *Bakhtin's Theory of the Literary Chronotope. Reflections, Applications, Perspectives* (Ghent: Academia Press 2010) and *Naties in een spanningveld* (Hilversum: Verloren 2010), a monograph on competing issues of regionalism, nationalism and internationalism in the Low Countries in the 19th century. A fourth volume on 19th-century Dutch literature is on the way. Over the past four years, she has also organised three international conferences. Nele Bemong has also been active in several policy units. From 2007 to 2009 she was the postdoc representative in the Executive Committee of the European Network for Comparative Literary Studies (REELC/ENCLS). In 2009, she took on the function of General Coordinator of that same European Network. Since 2007 she also holds the post of 'doctoral lieutenant' at the KULeuven Department of Literature, which means that she deals with all aspects of the doctoral training of all the departmental PhD-students. She has also been the departmental postdoctoral representative in the Faculty Council of the KULeuven Faculty of Arts (2008-2009) and the Postdoctoral representative in the Research Committee of the KULeuven Faculty of Arts (2008-2009).

(Furthermore, Nele Bemong also works as a literary translator.)

DETAILS OF RESEARCH

Nele Bemong's research has mainly been focussed on two domains: the study of 19th-century literature (mostly Belgian and Dutch literature, albeit from a comparative perspective) and literary theory.

Both her PhD-research and her postdoctoral research have dealt with the genre of the historical novel in 19th-century Belgium. In her dissertation, which was entitled *Forms and Functions of the Belgian Historical Novel (1827-1850). Poetological, Chronotopical and Narratological Aspects of a Genre*, she studied the genre as it appeared in the first half of the 19th century. Her postdoctoral project *The Historical Novel in Flanders between 1851 and 1893. Poetological, Chronotopical and Narratological Developments of a Genre* studies the developments of the genre in the second half of that century. Recently, she has also worked on the 19th-century novel of manners. Her main topics thus include 19th-century literature, in particular Belgian (both Flemish and Franco-Belgian) and Dutch literature, research into literature and history, the (historical) novel, oral legends, and the dynamics of literary genres. Methodologically, her line of approach includes polysystem theory, chronotope theory, discourse analysis, narratological and chronotopical textual analyses, psycho-analysis, the study of poetics and reception study. She has also written several articles on literary theory, mainly on Bakhtin's chronotope concept and the possibilities of integrating this concept into more traditional narratological approaches, and of combining the chronotope concept with functional-systemic approaches to literature, notably with polysystem theory. Her work on the chronotope concept also resulted in the co-editing of *Bakhtin's Theory of the Literary Chronotope. Reflections, Applications, Perspectives* (Ghent: Academia Press 2010), the first monograph on the chronotope. Other volumes that she has co-edited are *Re-thinking Europe: Literature and (Trans)National Identity* (Amsterdam/New York: Rodopi 2008) and *Naties in een spanningveld* (Hilversum: Verloren 2010); a fourth volume on 19th-century Dutch literature is on the way. She has published some 30 articles in English, Dutch and German, and has presented papers at some 25 international conferences and workshops both in and outside Europe. More information can be found on <http://www.encls.net/?q=profile/nele-bemong> and on <http://www.kuleuven.be/cv/u0041521e.htm>.

Bert De Smedt (°1978) received his master degree in Educational Sciences from the Katholieke Universiteit Leuven, Belgium. Being a research assistant of the Research Foundation Flanders (FWO), he completed his PhD in September 2006 on 'Mathematical disabilities in children with Velo-Cardio-Facial Syndrome: A further delineation of the cognitive phenotype'. Since October 2007 he is a postdoctoral fellow of the Research Foundation Flanders (FWO), working at the Department of Educational Sciences of the Katholieke Universiteit Leuven (Belgium). He is also a visiting scientist at the Developmental Cognitive Neuroscience Laboratory directed by Prof. Dr. Daniel Ansari at the University of Western Ontario, Canada. Bert De Smedt is recently appointed as Assistant Professor in Educational Neuroscience at the Katholieke Universiteit Leuven (Belgium), starting in October 2010. His primary interest is in individual differences in children's mathematical skills. He uses both behavioral and brain imaging methods to understand how children develop arithmetical skills and what neurocognitive mechanisms underlie this development. He aims to integrate cognitive neuroscience into educational research, contributing to the new field of Educational Neuroscience or Mind, Brain and Education. Against this background, he was a co-organizer of the Advanced Study Colloquium on "Cognitive neuroscience meets mathematics education" funded by the European Association for Research on Learning and Instruction (EARLI). Together with Dr. Daniel Ansari, he founded a new special interest group within EARLI on Neuroscience and Education, which he is currently coordinating. In June 2010, the first meeting of this SIG was held in Zurich, hosting more than 140 participants. Bert De Smedt has published various articles on the neurocognitive correlates of individual differences in mathematical achievement and on atypical mathematical development, including dyscalculia, dyslexia and children with genetic disorders.

DETAILS OF RESEARCH

My particular interest lies in understanding how children develop elementary mathematical skills, such as arithmetic. There is large inter-subject variability in this development, with some children having severe and persistent difficulties in this development. I particularly seek to understand what cognitive and neural factors lay

at the root of these individual differences. These factors include domain-specific skills, such as understanding numerical magnitudes, as well as domain-general skills, such as working memory and phonological processing. This endeavour is accomplished by using both behavioral and brain imaging methods. I investigate these issues in both typically developing children and in children with atypical mathematical development, such as children with dyscalculia, dyslexia, 22q11 Deletion Syndrome, Turner Syndrome and mild mental retardation. In the long run, this research will provide a meaningful ground to design teaching approaches that optimally foster children's mathematical development as well as new diagnostic and remedial techniques to prevent learning difficulties in mathematics. The overall goal of my research program is to integrate cognitive neuroscience into educational research, contributing to the new field of Educational Neuroscience or Mind, Brain and Education. This interdisciplinary endeavour will allow for a better and deeper understanding of children's learning.

KEY PUBLICATION REFERENCES

- De Smedt, B., Reynvoet, B., Swillen, A., Verschaffel, L., Boets, B., & Ghesquière, P. (2009). Basic number processing and difficulties in single-digit arithmetic: Evidence from Velo-Cardio-Facial Syndrome. *Cortex*, *45*, 177-188.
- De Smedt, B., Taylor, J., Archibald, L., & Ansari, D. (2010). How is phonological processing related to individual differences in children's arithmetic skills? *Developmental Science*, *13*, 508-520.

Massimiliano Mazzone (1979) obtained his PhD in 2007 at the University of Torino Medical School, Italy, where he developed with Prof. Comoglio recombinant inhibitors of Hepatocyte Growth Factor/c-Met pathway in tumor progression and metastasis and how hypoxia interferes in this signaling. In November 2006, he moved to the VIB, Belgium, where he completed his postdoctoral training in the department of Prof. Peter Carmeliet. Here, he studied how blood vessels regulate their shape and thus perfusion in case of oxygen shortage as it occurs in cancer. His work has been recently published in *Cell*. In March 2009, Massimiliano was promoted Group Leader at the Vesalius Research Center, Leuven (Belgium) and Assistant Professor at the Catholic University of Leuven. His research is mainly focusing in understanding how the tumor stroma, including macrophages and endothelial cells, affects cancer progression and metastasis. His research has been awarded with national and international prizes, and been published in high impact journals (such as *Cancer Cell*, *Cell*, *Nature*, *Nature Genetics*).

DETAILS OF RESEARCH

In contrast to our increasing understanding of how vessels sprout, little is known about how vessels regulate their shape and morphogenesis. Understanding the mechanisms underlying these processes is important, since vessel shape regulates its primary function, i.e. to supply oxygen to distant cells. In addition, in pathological conditions such as cancer and ischemic diseases, vessels are abnormal and dysfunctional. In a recent genetic study, we found evidence that a specific type of endothelial cells, which we named the "phalanx" cell, participates in the normalization of the endothelial cell layer, that allows vessels to readjust their shape, not numbers, to optimize oxygen supply when the latter is insufficient. Based on these findings, my research aims to define the genetic signature and molecular basis of endothelial phalanx cells, thus pioneering new therapeutic avenues of still unmet medical problems as cancer and ischemia.

KEY PUBLICATION REFERENCES

Mazzone M, Dettori D, Leite de Oliveira R, Loges S, Schmidt T, Jonckx B, Tian Y, Lanahan AA, Pollard P, Ruiz de Almodovar C, De Smet F, Vinckier S, Aragonés J, Luttun A, Wyns S, Debackere K, Jordan B, Pisacane A, Gallez B, Lampugnani MG, Dejana E, Simons M, Ratcliffe P, Maxwell P, and Carmeliet P, (2009) Heterozygous deficiency of PHD2 restores tumor oxygenation and inhibits metastasis via endothelial normalization. *Cell* **36** (5), 839-851. (IF 31.2 – Cited: 25)

Carmeliet P, De Smet F, Loges S, and **Mazzone M**, (2009) Branching morphogenesis and antiangiogenesis candidates: tip cells lead the way. *Invited review, Nature Reviews Clinical Oncology* **6** (6), 315-326. (IF 9.1 – Cited: 2)

Milorad Milošević was born on June 30th, 1977 in Smederevo, Serbia (Yugoslavia at the time). Difficult living and unstable political situation never presented too much of a challenge for him – instead, he emerged as the best student in the history of his hometown, particularly talented for natural sciences (o.a. champion of Yugoslavia in Chemistry, and champion of Serbia in Mathematics). Subsequently, he graduated from the Faculty of Electrical Engineering in Belgrade, Serbia, with a degree in electronics. He then continued his education through a master study in micro- and optoelectronics in the Department of Physical Electronics. The M.Sc. thesis resulted from a combination of Dr. Milošević's up-to-date acquired skills in electronics and semiconductor quantum microstructures, on the topic of Quantum Wire Lasers. In parallel, Dr. Milošević worked for 3 years as a technical assistant at the University of Physical Chemistry in Belgrade, where he was involved in experiments on Ar plasmas and fullerenes, and gained valuable experience in analytical and (in)organic chemistry. Such early interests in state-of-the-art physics and chemistry definitely helped his later demonstrated scientific maturity. Dr. Milorad Milošević joined the Condensed Matter Theory group in the University of Antwerp in September 2000, as a doctorate student, after he was awarded a Dehousse scholarship. His research was mainly oriented towards mesoscopic superconductivity, a hot topic of the moment, previously experimentally established at the University of Leuven, Belgium (by Prof. Dr. Yvan Bruynseraede and Prof. Dr. Victor Moshchalkov), and at the University of Manchester (Prof. Dr. Andrey Geim). Dr. Milošević's work on superconducting (S) samples

combined with magnetic (M) elements, immediately sparked. The exciting new feature of S-M hybrids is the competition between ferromagnetism and superconductivity, representing two antitheses in condensed matter physics, which is of abiding interest in fundamental and applied materials science. Superconductivity and ferromagnetism, when brought together within a nanometer scale, create fascinating and not yet fully understood quantum ground state and kinetic properties. Dr. Milošević managed to make valuable theoretical predictions in the early stages of his career, which were rewarded by several invited talks in international scientific meetings all over the world. Moreover, Dr. Milošević received five international prizes for his presentations over the last several years.

After completion of his doctorate (with distinction), Dr. Milošević took the post-doc position in the same department, and was soon after upgraded to a Research Leader position. This recognition of his scientific achievements came after his invited posts as a Visiting Scholar to the University of Rio de Janeiro, Brazil, and the University of Notre Dame, USA. In 2007, Dr. Milošević visited Argonne National Laboratory, arguably the best lab in materials-science in the USA. There he worked with leading scientists such as the Nobel Laureate Prof. Dr. Alexei Abrikosov, Prof. Dr. W.-K. Kwok, Prof. Dr. A. Koshelev, and Prof. Dr. V. Vinokur, on vortex, charge, and spin manipulation in superconducting hybrids and their futuristic applications.

However, although quite successful as it is, Dr. Milošević took another step-forward in 2006 when he obtained a prestigious Marie-Curie fellowship to study superconductor-ferromagnet hybrids experimentally in the University of Bath, UK. His first experimental results (direct observation of vortex-antivortex pairs in superconductors) were published in Physical Review Letters. He further applied different scanning probe microscopies and transport measurements on high-temperature superconductors and Yttrium-Iron-Garnet magnetic films, both very relevant for potential applications. For this and earlier works, Dr. Milošević received the Prize of the Research Council of UA in 2007.

Upon return from UK, Dr. Milošević is now building an independent career at UA, in the NANO Center of Excellence (www.nano.ua.ac.be). He is currently (co-)promoting two senior and two junior Ph.D. students, and has successfully supervised one Ph.D. and three M.Sc. theses in the past. Students under his guidance have published more than 20 articles in the last three years.

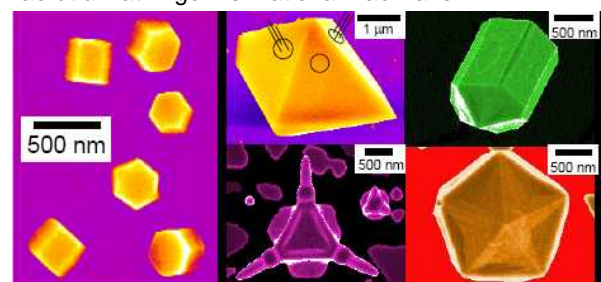
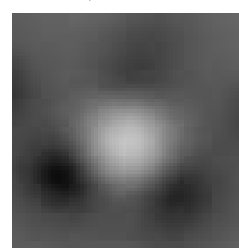
MAIN SCIENTIFIC ACHIEVEMENTS

The major achievements of Dr. Milošević can be summarized in the following:

(i) Theoretical description of magnetic pinning of vortices in superconducting films (*Phys. Rev. B* **66**, 174519 (2002); *ibid.* **68**, 094510 (2003); *ibid.* **69**, 104522 (2004)). Using magnetic particles, vortex lines in superconducting films can be *pinned*. Such nanoengineered pinning of flux lines prevents their motion and dissipation of energy, resulting in the enhancement of the critical current in the superconductor. This is of great practical importance, and Dr. Milošević contributed several key articles to understanding the origin and nature of the interaction of vortices with magnets as artificial pinning centers. There derived asymptotic formulae received great attention in the field.

(ii) Vortex-antivortex phenomena (*Theory: Phys. Rev. Lett.* **93**, 267006 (2004), *Phys. Rev. Lett.* **94**, 227001 (2005); *Experiment: Phys. Rev. Lett.* **99**, 127001 (2007)). Although analogous to matter and antimatter in the universe, Dr. Milošević demonstrated theoretically that vortices and antivortices may coexist in superconducting films with ferromagnets on top due to the specific magnetic field profile acting on the superconductor. Moreover, when brought together, such vortex-antivortex molecules around each magnet can form a lattice analogous to ionic crystals with different geometries. These fascinating structures, disobeying the general rule of matter-antimatter annihilation, have subsequently been experimentally observed during the work of Dr. Milošević at the University of Bath, UK (see the vortex-antivortex molecule in the figure).

(iii) 3D submicron superconducting and ferromagnetic elements. Recent advances in nanofabrication and synthetic chemistry have led to a dramatic growth in research activity in the area of magnetic nanostructures, with key applications in data storage, medical diagnosis and quantum information processing. Due to the particular strengths of the different approaches much of the work has focused either on lithographically patterned thin film (2D) mesostructures or nanoscale particles and clusters. In contrast, very little work has been attempted on 3D mesostructures with dimensions $\sim 1\mu\text{m}$, whose sizes are comparable with the relevant characteristic physical lengthscales (e.g. ferromagnetic domain size or superconducting coherence length). In a remarkable recent paper Xiao *et al.* at Argonne National Lab have demonstrated that 'architecture-tunable' Pb and Co meso-structures can be grown by electrodeposition from lead nitrate or lead acetate solutions onto graphite substrates (see figure). Dr. Milošević investigated such submicron structures with a wide range of morphologies, both experimentally and theoretically, while developing state-of-the-art, world-unique numerical code for fully 3D calculations within stationary and time-dependent Ginzburg-Landau theory, as well as Landau-Lifshitz-Gilbert magnetic simulations. Using those approaches, with no taken approximations, the superconducting/magnetic state of these elements was studied numerically exact, with emphasis on optimizing the critical properties, maximal field and current the element can sustain, and current-voltage response as a function of the chosen materials, their

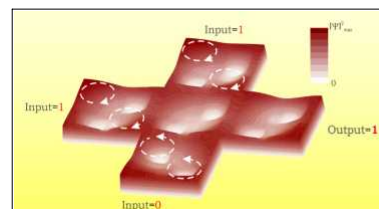


Cobalt

3D Pb Meso-crystals

geometry, and direction of applied *dc* or *ac* drive with respect to the sample topology. The results on both superconducting and magnetic polyhedra have attracted immense attention in the scientific community.

(iv) **Vortex logic elements** (*Appl. Phys. Lett.* **91**, 212501 (2007); *Phys. Rev. Lett.* **103**, 217003 (2009); *Appl. Phys. Lett.* **96**, 192501 (2010);). Another example of Dr. Milošević's work towards applications is his proposal of Fluxonic Cellular Automata (FCA). He designed a nanoscale superconducting device, in which positions of vortices are manipulated by applied current, thus electronically. In such a way, controlled transitions between two energetically degenerate states can be achieved, which can be labeled as logic '0' and '1'. When put together, logic cells interact via magnetic field, which enables the transfer of information, and Dr. Milošević demonstrated operation of a majority gate (the basis of all logic gates, see figure) using this principle. This work was not only published in *Applied Physics Letters*, but was also featured on the cover page of the November issue in 2007. Very recently, scientists in Japan realized experimentally the electronic manipulation of vortices in mesoscopic superconductors, a first step towards realization of FCA.



Yaël Nazé Diplomas :

- Engineering degree : Mons, FPMs, June 1999
- PhD in Astrophysics : Liège, ULg, March 2004

Position :

- Research associate FRS-FNRS since October 2009
- "Maître de conférences" at the University of Liège since October 2007

Research :

- study of massive stars and their surroundings through multiwavelength observations
- 49 refereed publications (26 as first author, 23 as co-author)
+ 33 posters/proceedings – incl. 2 invited reviews
- Numerous collaborations and stays abroad (from one week to a year; in USA, Mexico, UK, Italy, Canada, Burundi, Switzerland, and Chile)
- Participation to ESO and ESA panels and to meetings' organizing committees

Other activities :

- *Teaching* – general astronomy courses (Bujumbura, Chicago, Liège, Luxembourg, Poitiers, Urbana-Champaign) and advanced astronomy courses (Bujumbura, Liège, Padova, Urbana-Champaign)
- *Popularization of science* – 5 popular books, ~70 popular articles (Belgium, France, USA) and monthly chronicle in "Athéna"; >130 popular talks (Belgium, Burundi, France, Iran, Luxembourg, Mexico, USA) ; workshops for kids and teachers, astro exhibitions/events, "astro-news" for media

Awards : 3 science prizes and 8 popularization prizes

Website : <http://www.astro.ulg.ac.be/~naze/>

DETAILS OF RESEARCH

Massive stars are really masters among the stars: with all-time records in temperature, mass and brightness, they truly dominates their host galaxies. Their intense UV radiation not only generate beautiful nebulae, called HII regions, but is also able to drive the ejection of mass - the so-called stellar winds, that are up to ten billion times stronger than our solar wind. At the end of their lives, these stars explode as supernovae or Gamma-Ray Bursts. In galaxies, massive stars are thus the main sources of ionizing radiation, chemical enrichment, and mechanical input.

However, despite their importance, such stars remain poorly known because they are both rare and short-lived. My research aims at a better understanding of these objects, using multiwavelength observations gathered from ground-based as well as space-based facilities (HST, XMM, Herschel, VLT,...). My studies focus on massive binaries, which are the best tools to constrain the physical parameters, and on peculiar massive stars, which either are in a short but crucial evolutionary stage or have an abnormal physical property.

KEY PUBLICATION REFERENCES

1. '**X-ray spectroscopy of stars**', Güdel M. (for cool stars) and Nazé Y. (for hot stars), *Astronomy & Astrophysics Review*, 17, 309-408 (2009)
2. '**Towards an understanding of the Of?p star HD191612: Phase-resolved multiwavelength observations**', Nazé Y., Rauw G., Pollock A.M.T., Walborn N.R., Howarth I.D., *Monthly Notices of the Royal Astronomical Society*, 375, 145-153 (2007)

Pierre Sonveaux is a Pharmacist and a PhD in Pharmaceutical Sciences. He was recently appointed Research Associate of the *Fonds National de la Recherche Scientifique* (F.R.S.-FNRS) and Assistant Professor in the Pole of Pharmacology at the University of Louvain (UCL) Medical School in Brussels, Belgium.

After graduation as a Pharmacist in 1998, Pierre Sonveaux joined the Ludwig Institute for Cancer Research (LICR, Brussels branch) to perform a Master degree in tumor immunogenetics. In 2000, he joined the team of Prof. Olivier Feron at UCL to perform a PhD in vascular oncology. Pierre's PhD thesis

dissertation (The tumor vasculature: functional reactivity and therapeutic implications, 2004) reports the development of new anticancer strategies that exploit the tumor vascular reactivity to radio- and chemosensitize tumors. These approaches have now collectively been termed 'provascular'. As a post-doc and fellow of the Belgian American Educational Foundation (BAEF), Pierre joined the Radiation Oncology group of Prof. Mark W. Dewhirst at Duke University in North Carolina, USA. There, he gained new knowledge in tumor metabolism that he translated in a career as a senior post-doc and more recently as a young independent investigator when he joined back the Pole of Pharmacology at UCL.

Pierre Sonveaux is the author of about 30 papers, some of them in prominent journals such as *Cancer Research*, *Circulation Research*, *Molecular Cell* and *the Journal of Clinical Investigation*, and the inventor of 1 granted patent and of 3 pending patent applications. He received prestigious awards, among which the National Prize of the Belgian Society of Pharmaceutical Sciences (2005), the ESTRO Varian-Juliana Denekamp award (2007), the FECS-EJC award (2008) and the EACR Highly Commended Award (2010). Pierre currently holds an ERC Starting Independent Researcher Grant (#243188 - TUMETABO), which by itself speaks for the highly innovative and provocative aspects of Pierre Sonveaux's researches at the European level.

DETAILS OF RESEARCH

Hypoxic tumor cells are particularly resistant to conventional anticancer treatments owing to poor oxygenation (resistance to radiotherapy and DNA-damaging agents), the distance from blood vessels (limited bioavailability of circulating anticancer agents) and high genetic instability promoting the emergence of resistant cell populations. These cells account for treatment failure, tumor recurrence and metastasis. Sonveaux et al.¹ recently found that the existence of a hypoxic tumor cell compartment primarily relies on a metabolic symbiosis by which glycolytic/hypoxic and oxidative/oxygenated tumor cells mutually regulate their access to energy metabolites. The symbiosis involves lactate recycling: oxidative tumor cells use lactate preferentially to glucose as an oxidative fuel, allowing glucose to optimally fuel glycolytic tumor cells that produce lactate abundantly. Sonveaux et al. identified monocarboxylate transporter 1 (MCT1) as the prominent path for lactate uptake by oxidative tumor cells. Inhibiting MCT1 pharmacologically or with genetic approaches induces a switch from lactate-fueled respiration to glycolysis in these cells. Consequently, MCT1 inhibition retards tumor growth *in vivo* as the hypoxic/glycolytic tumor cells die from glucose starvation. Through the oxygen effect coupled to the glycolytic conversion, MCT1 inhibition also synergizes with radiotherapy. Finally, Sonveaux et al. found MCT1 to be expressed in an array of primary human tumors and MCT1 inhibition to have limited toxicity in mice, suggesting a high clinical potential for the new anticancer treatment.

KEY PUBLICATION REFERENCES

Sonveaux P, Végran F, Schroeder T, Wergin MC, Verrax J, Rabbani ZN, De Saedeleer CJ, Kennedy KM, Diepart C, Jordan BF, Kelley MJ, Gallez B, Wahl MW, Feron O, Dewhirst MW. Targeting lactate-fueled respiration selectively kills hypoxic tumor cells in mice. *J. Clin. Invest.* 2008;118:3930-3942.

Daria Tunca I have a PhD from the University of Liège in Belgium (2008) and I currently work as an F.R.S.-FNRS postdoctoral researcher in the English Department of the same institution. My research focuses on stylistic approaches to African literatures, with particular emphasis on contemporary Nigerian fiction. I have published articles and reviews in international journals such as the *Journal of Postcolonial Writing*, *Wasafiri*, *African Literature Today* and *Postcolonial Text*. With Bénédicte Ledent, I have also edited a volume of essays about British-Caribbean writer Caryl Phillips (Rodopi, forthcoming).

DETAILS OF RESEARCH

My research mainly concentrates on the exploration of stylistic phenomena in contemporary Nigerian fiction. More specifically, my doctoral thesis examined a selection of novels and short stories written by three diasporic authors: Chimamanda Ngozi Adichie, Gbenga Agbenugba and Ben Okri. The aim of this dissertation was to develop an eclectic methodology that reflected the stylistic diversity of the chosen texts.

In my postdoctoral work, I try to pursue some of the lines of research outlined in my thesis. In the context of my new project, I have put together a more extended corpus consisting of twenty-first-century novels and short stories written by Nigerian diasporic authors (Chimamanda Ngozi Adichie, Chris Abani, and Chika Unigwe, among others), and I am attempting to analyse them combining theories from four different (sub)disciplines: postcolonial studies, systemic-functional linguistics, cognitive linguistics, and the philosophy of language. My hope is to investigate the possible synergies between these theoretical approaches and eventually develop an original model of stylistic analysis for Nigerian fiction, with possible extensions to other fields of literary research.

KEY PUBLICATION REFERENCES

"An Ambiguous 'Freedom Song': Mind-Style in Chimamanda Ngozi Adichie's *Purple Hibiscus*", *Postcolonial Text* 5.1 (2009), pp. 1-18. Available online at the following address:
<http://journals.sfu.ca/pocol/index.php/pct/article/view/925/93>

"Towards a Stylistic Model for Analysing Anglophone African Literatures: Preliminary Epistemological Considerations and a Case Study", in *Style and Structure in African Literature: Emerging Perspectives on*

Fiction, Drama and Orature, ed. by J. K. S. Makokha and John Obiero Ogone (Saarbrücken: VDM, forthcoming in 2010).

Wim Van Dooren obtained his Master's degree in Educational Sciences (specializing in Instructional Science and School education) at the Katholieke Universiteit Leuven in 2000. Between 2000 and 2005, he received a scholarship from the Science Foundation Flanders. In that period, he worked at the Centre for Instructional Psychology and Technology at the Katholieke Universiteit Leuven, where he obtained his PhD in Educational Sciences in 2005 under the supervision of Prof. Lieven Verschaffel and Prof. Dirk Janssens. In 2005 he received the EARLI Erik De Corte award for Young and Promising European Scholar in the Science of Learning and Instruction.

After a postdoctoral period (with a scholarship from the Science Foundation Flanders), he became an Assistant Professor in 2009. His major courses are Advanced Topics in Instructional Psychology (in the Master programme of Instructional Sciences), Didactics of Mathematics (in the bachelor programme in Instructional Science), and an introductory course in Learning and Instruction (in the mathematics and science teacher education programme).

DETAILS OF RESEARCH

Wim Van Dooren's main research focus is on mathematical problem solving and the acquisition of problem solving skills. Theoretically, he tries to combine insights from the field of cognitive psychology, general educational psychology, content-specific theories originating in the field of mathematics education, and socio-culturally oriented views on teaching and learning.

He has done research on problem solving in various domains of mathematics, such as geometry, algebra, probabilistic reasoning, and statistics. His main interest is in the solving of arithmetic word problems. This research has focused on various age groups (5-year olds until adults). One of his main interests is in the tension between routine and adaptive expertise in problem solving, and in the inclination of students (and people in general) to rely on heuristic or intuitive rather than analytic reasoning when solving mathematical problems. In a related line of research, he uses a conceptual change theoretical approach to investigate how previously acquired knowledge and everyday knowledge may interfere in adequate mathematical learning and reasoning. Recently, he also investigates the role of external representations in the teaching and learning of mathematics, and more particularly the effect of including multiple external representations, and the flexible choice by a problem solver among multiple representations.

Wim Van Dooren is/has been the (co)supervisor of 4 PhD candidates and 25 master thesis students working on these topics, and he has published over 50 scholarly articles and book chapters in the field.

He is actively involved in scientific organisations such as the International Group for the Psychology of Mathematics Education (PME) and the European Association for Research on Learning and Instruction (EARLI), and is the coordinator of the EARLI Special Interest Group on Conceptual Change.

KEY PUBLICATION REFERENCES

Van Dooren, W., De Bock, D., Janssens, D., & Verschaffel, L. (2008). The linear imperative: An inventory and conceptual analysis of students' over-use of linearity. *Journal for Research in Mathematics Education*, 39(3), 311–342.

Van Dooren, W., De Bock, D., Hessels, A., Janssens, D., & Verschaffel, L. (2005). Not everything is proportional: Effects of age and problem type on propensities for overgeneralization. *Cognition and Instruction*, 23(1), 57–86. DOI: 10.1080/07370008.2010.488306

Laurence Wuidar Born in 1978, she completed her PhD in Musicology at the Free University of Brussels (ULB) in 2007, a M.A. in Art History in 2003, and a M.A. in Palaeography, Diplomatic, Archives at the School of the Vatican Secret Archives in 2008. She began her PhD with a Research Grant from the Wiener-Anspach Foundation to go to Cambridge University then had a four years research grant from the FNRS-FRS (the Belgian National Trust for Scientific Research), and research grant from the *Collegio dei Fiamminghi* at the University of Bologna and one from the Belgian Historical Institute in Rome. She was then Research Fellow at the Warburg Institute from London University and is now Post-doctoral researcher at the FNRS-FRS as well as assistant in Bologna University in charge of the course of Philosophy of Music. She won the price of the Belgian Royal Academy for an essay on music and emblematic literature in 2008, in the same year she organized an international conference on music and esotericism in Rome and published her two first books in French (Peter Lang and Brepols). She is editing the volume *Music and Esotericism* for Brill (2010) and wrote her third book, in Italian, on philosophy of music, also published in 2010.

RESEARCH ORIENTATION

My researches focus on the role and status of music within history of sciences, philosophy and theology. On the one hand, I deal with music in relation to astronomy and astrology within the Renaissance episteme of magic from the pythagorico-platonic tradition to the scientific revolution of the 17th century as well as the interaction between music and medicine in demonological treatises. On the other hand, I am working on philosophy of musical enigmas and musical cryptic language. I am now beginning new research on music in philosophical and theological literature starting with musical images, analogies and metaphors in Augustine. The various paths of my research – from patristic literature to scientific revolutions – all tend to deepen the comprehension of the interaction between music, history of science, philosophy and theology.

RELEVANT PUBLICATIONS

Books

Musique et astrologie après le concile de Trente, Brepols, 2008.

Canons énigmes et hiéroglyphes musicaux dans l'Italie du 17ème siècle, Peter Lang, 2008.

L'angelo e il girasole. Conversazioni filosofico-musicali, ESD, 2010.

The Trustees wish to thank The Cambridge University Press for their donation of journal subscription prizes to the Burgen Scholars and



for a supporting donation

science+business media

The opening session also involved the introduction of a number of members elected in Naples 2009. These members were invited to sign the membership register and received their membership certificates from the President.

The Trustees wish to thank all of the sponsors of the annual conference as follows:

the Mayor and city of Leuven Louis Tobback;

Bart Demuyt, Director Alamire Foundation and the Music Ensemble Club Médiéval,

The Rector and University of Leuven authorities,

The Portland Press

The Leverhulme Trust

The Heinz-Nixdorf Foundation



portlandpresslimited
publishing innovation

The Leverhulme Trust

Photographs of the conference can be accessed on our 'SMUGMUG' page at <http://acadeuro.smugmug.com/> The programme and all other materials can be accessed from the AE website event archive

A number of Sections held small meetings prior to the main conference events. These included; Social Sciences; Physics and Engineering, Philosophy, Theology and religious Studies, behavioural Sciences.

Other events:

8 September 2010. University of Leuven: History Section workshop. “Overcoming European Civil Wars: Patterns of Consolidation in Divided Societies, 2010–1800”. Convenor and chair [Prof dr. I. Denes](#), (Hungary). , <http://jog.unideb.hu/politikaelmeleti-es-politikatorneneti-tanszek/denes-ivan-zoltan.html>

This one-day event was sponsored by the Leverhulme Trust.



The Leverhulme Trust

Prof Denes writes: “Divided, sometimes antagonistic, communities in officially unified nations seem to be the rule in Europe. In some cases, they conjure up the most painful memories of actual civil-war events, such as Jedwabne, Naoussa, Londonderry, or Srebrenica, but usually they constitute the common experience of most Europeans. Almost every European nation went through the overwhelming experience of the two World Wars—either as winners or as the defeated, sometimes as perpetrators, and often as victims. Many were defenceless against mass murder, ethnic cleansing, and more lost their homes, surroundings, neighbourhoods,

security, and peaceful ways of life. Many of these experiences were archetypal. Some were related to the *transition* from one or another type of *dictatorship to democracy*, or vice versa. Others to the twofold process of dissolving empires and creating new nations, medium- or small-sized *independent countries*, when major portions of populations suddenly found themselves, due to shifting borders, moved from imperial centres to peripheries or from imperial peripheries to national centres. Many experiences had to do with *weathering civil war and reconstruction*. And there the universal European experiences of the transformation from *traditional to modern society*, of the competition and cooperation between nations, and then their ultimate integration into the European Union. The political languages and narratives of these experiences often have their roots in collective transitional tasks, such as establishing democracy, fighting for national liberation, national reconstruction, modernisation, and forging a collective identity out of the ideals of the nation-state, European cooperation and federalism. These discourses have been held together by elite-generated identity models, images of preceding conflict, interpretations of the recent past, the self and the inner alterity, and the blueprints of memory. They have been the building blocks of the patterns of consolidation, the underlying assumptions of turning divided societies and fractured political cultures into a political community. Each one of them has had its share in the “European civil wars”. In spite of major breakthroughs, especially in Germany and the Franco-German reconciliation, we find all over Europe that the experiences and humiliations of previous generations have remained unspoken and unelaborated at both individual and community levels. Dangerous as they are, such narratives and undigested traumas necessarily call for well-advised, learned and thoughtful acts of overwriting and reworking.”

Speakers included:

Iván Zoltán Dénes (University of Debrecen) Introduction

Pablo Sánchez León (Universidad del País Vasco in Bilbao) Final Victory, Collective Error, Instituted Remembrance: Conceptual Frameworks for “Overcoming” the Spanish Civil War in Changing Contexts

John A. Davis (University of Connecticut) How Many Italy’s? Behind the North-South Divide Moderator: Jeremy Jennings

Jeremy Jennings (Queen Mary College, University of London) Unity and Diversity of French Republicanism

Maarten van Ginderachter (University of Antwerp) Collective Memories of Trauma in Belgium, 1830-2010

Meike Wulf (Maastricht University) Democratic Legitimacy and National Restoration in Post-Soviet Estonia

Discussion Moderator: **John A. Davis**

Michal Kopeck (Institute of Contemporary History in Prague) Usable Pasts and Political Languages in Czechoslovakia

Iván Zoltán Dénes (University of Debrecen) Adopting the European Model vs. National Egoism: the Task of Surpassing Political Hysteria

Piotr Wciulik (Central European University, Budapest) Independence as Contentious Path-Dependence: The Legacy of Conspiracy, Resistance, and Dissent in the Polish Transition to Democracy

Árpád Welker (City Archive, Budapest) History as a Means of Reconciliation in Finland

Discussion Moderator: **Pablo Sánchez León**

The papers are scheduled for publication in *The European Review*, Volume 20 (4), 2012

8 September 2010. Open FORUM - A discussion to highlight potential AE action for **'Small Subjects' under threat in our European Universities**. Chair: Wim Blockmans (NL). Specific Contributions came from Prof S.E Larsen, Prof. J Mittelstrass, Prof. L Walloe. Following the debate, Prof Blockmans prepared a draft paper setting out the situation with specific regard to the position of the Humanities in European Institutions of Higher Education. This paper will be further developed in 2011/2012 with the collaboration of the Council of Europe and will also address the position of the smaller natural sciences subject fields. The intention is to publish a comprehensive AE statement on this emerging threat to the long-term capacity in European Universities and to stimulate a wide ranging debate on potential solutions.

Other events with Academia support and participation

Academia Europaea outreach.

Over the year, the President and members of the Board and the Executive Secretary had discussions with members of the European Commission, with UNESCO, The Council of Europe, The European Science Foundation, ALLEA and COST, and with Charitable Foundations and sponsors of the Academia on the relationship and financing of the Academia at a European level. Such discussions are ongoing as part of the new five-year strategy for the future of the Academia, as agreed by Council at their September meeting. The Trustees wish to thank in particular members of the Board for representing the Academia at a wide range of events.

The President and other members of the Board of Trustees, represented the Academia at meetings with a number of European Academies and with Ministers of Research and with the senior management of a number of European Institutions. Individual meetings were held with our main sponsors, Individual members of the Board and Council represented the Academia at a number of conferences and other invited events. Bids were prepared to a number of Foundations, in line with the policy to broaden the basis of general financing of the Academy and to support specific developments in the programme of the Academia. These are mentioned where appropriate in the finance sections of this report.

European research policy and advice

European Science Advisory Council (EASAC). During the year, Professor Brian Heap, was elected as Chair of the EASAC Council. He remains as the Academia Europaea representative (supplemented by the President) on the EASAC Council. This organisation, formed by European Academies, and supported by the Academia Europaea is now providing EU institutions and other pan-national bodies with fully independent advice on the scientific aspects of public policy.



The Academia was a founding member of this Council and collaborates with our sister Academies in making available our members' expertise where needed, for the many study groups that are established. The Academia provides a financial contribution to the running of the secretariat of EASAC, which is based at the German National Academy of Sciences (Leopoldina) in Halle. Professor Heap and members Prof. Jan S. Haagen (Norway) and Alexandre Quintanilha (Porto) were active in the new Sustainable Energy panel and the Biotechnology panel. The Academia covers the costs of participation of Professor Heap and of those of our participating members in the activities of the EASAC. [<http://www.easac.org>].

The "Russia Prizes" Scheme.

Professor V.P. Skulachev (President of the Russian Club of AE members) reports that the 17th annual ceremony took place in the White-Blue Ceremony Hall at the 31st floor of the Moscow State University Building.

The laureates were greeted by the President of Academia Europaea - Prof. Lars Walloe. Publishing House "MAIK-Interperiodika" (Mr. N.G. Avanesov, Deputy Director) and Rosbusinessbank (Ms. N.V. Kocuba Chairman of the Board and Mr. V.V. Maslov, Managing Director) allocated \$ 13,000 and \$ 9,000, respectively. This money was distributed among laureates. As to additional expenses for organization of the contest, they were kindly covered by Rosbusinessbank (\$ 3,000).

The scheme was launched in 1992 for young scientists and scholars in Russia, and now applies to young scholars under 33 years of age and with a publications record, from across the Federation. Since 1992, some 361 awards have been made

Past sponsors include: The International Science Foundation, New York (Soros); Amersham International, UK; the Rayne Foundation, London; and the Danish Physical Society. In previous years additional sponsors have been the Robert Koch Microbiological Society, Heidelberg; and Mr T Mann of Cleveland.

The Trustees wish to register their grateful thanks to Prof. Skulachev and the Russian membership and to the sponsors of the prizes.

The award consists of a medal, a certificate and a cash award of US\$1000.



Prizes are awarded in Mathematics, Physics, Chemistry, Biology, Earth Sciences, Medicine and Humanities.

The scheme is supervised by a committee of "Russian club" members of the Academia Europaea, led by the chair - Professor Vladimir Skulachev and including A.A. Bogdanov, V.B. Braginskij, M.O. Chudakova, G.P. Georgiev, I.I. Moiseev, A.M. Nikishin, V.A. Sadovnichij. Information about the scheme is advertised in appropriate newspapers and in universities. Initial proposals are sifted by the committee and the best are sent to international experts for assessment. About 25 prize winners are selected each year.

The scheme is highly regarded and attracts substantial local publicity.

The 2010 laureates were:

Mathematics/Mechanics:

Dmitry A. Shabanov, 1983, Lomonosov Moscow State University, Faculty of Mechanics and Mathematics, «Extremal combinatorial problems for colorings of hypergraphs»

Irina G. Shevtsova, 1983, Lomonosov Moscow State University, Faculty of Computational Mathematics and Cybernetics, «Structural improvements of accuracy estimates of the normal approximation»

Physics:

Vadim A. Dyadkin, 1983, Petersburg Nuclear Physics Institute, «The structure and the physical properties of transition-metal monosilicides»

Konstantin L. Ivanov, 1977, International Tomography Center of the Siberian Branch of RAS, «Coherent spin effects in the kinetics of multistage chemical processes»

Tatiana Y. Karminskaya, 1982, Lomonosov Moscow State University Skobeltsin Institute of Nuclear Physics, «Superconducting spin valves»

Pavel E. Shtykovskiy, 1981, Space Research Institute RAS, «Formation and evolution of high mass X-ray binaries in nearby galaxies»

Maxim A. Yurkin, 1982, Institute of Chemical Kinetics and Combustion of Siberian Branch of RAS, « Discrete dipole approximation for light scattering simulations: theoretical development and practical applications»

Nadezhda V. Zolotova, 1980, St. Petersburg State University, «Sunspot activity asynchronization»

Chemistry:

Sergei S. Arzumanov, 1980, Borekov Institute of Catalysis, «Mechanism of alkane activation and aromatization on Zn-modified zeolites»

Sergey V. Kharlamov, 1982, Institute of Organic and Physical Chemistry, Kazan Scientific Center of RAS, «Study of supramolecular structures in systems based on a number of surfactants and functionalized calix [4] resorcinarenes by diffusion ordered NMR spectroscopy»

Denis A. Knyazkov, 1980, Institute of Chemical Kinetics and Combustion, Siberian Branch of RAS, «Chemistry of Flame Inhibition by Organophosphorus Compounds»

Yuliya F. Polienko, 1979, Institute of Organic Chemistry, Siberian Branch of RAS, «Synthesis of the novel pH-sensitive spin probes»

Sergey V. Zheglov, 1981, Ryazan State University, «Highly effective molecular and ionic stereoselectors of enantioselective catalysis»

Earth sciences:

Anna V. Spivak, 1979, Institute of Experimental Mineralogy RAS, «Synthesis of new mono-and polycrystal diamond materials in carbonate-carbon melts-solutions»

Biology:

Piotr A. Kamenski, 1979, M.V. Lomonosov Moscow State University, School of Biology, «tRNA mitochondrial import in yeast: mechanisms, structures, functions»

Egor Y. Plotnikov, 1980, A.N.Belozersky Institute of Physico-Chemical Biology, Moscow State University, «Mitochondria as a focus for nephroprotection»

Ekaterina A. Souslova, 1982, Shemyakin & Ovchinnikov Institute of Bioorganic Chemistry of RAS, «Novel fluorescent proteins and instruments on their base»

Elena A. Stolboushkina, 1981, Institute of Protein Research RAS, «The investigation of the structure of the archaeal translation initiation factor 2 (aIF2)»

Natalia V. Volodko, 1978, Institute of Chemical Biology and Fundamental Medicine Siberian Division of RAS, «Indigenous Siberians mtDNA sequence variation in health and disease»

Savva D. Zorov, 1979, School of Bioengineering and Bioinformatics, Moscow State University, «The study of multisubunit RNA polymerase active centre function»

Medicine:

Victor O. Tkachev, 1984, Research Center of Clinical and Experimental Medicine, Siberian Branch of RAS, «Redox-dependent mechanisms of inflammation and immune response regulation»

Humanities:

Ruslan V. Borisov, 1983, Dagestan State University, «Formation of Culture of Interethnic Interaction in a Multicultural Society of the Republic of Dagestan»

New Initiative Fund

During the reporting period, the Board and Council approved support to a planning meeting (organised by Prof. Anne Buttmer) to develop new initiatives in the area of Sustainable/Living Cities. A meeting took place in January 2011 at the Royal Institution in London. Further development is planned for later in 2011 in collaboration with the COST programme, UNESCO and the Council of Europe. This initiative will contribute towards the Riksbankens Jubileumsfond grant programme. The Board approved two planning meetings (held at Cambridge and at the Royal Institution) to develop a programme for a high-level workshop in 2011 in the topic of "Reason and Unreason in 21st Century Science. The event will be sponsored by The Royal Swedish Academy of Antiquities and Letters, The Gulbenkian Foundation (Lisbon) and Dr Ralph Kohn. The convenor is Prof. Peter Lachmann (Cambridge)

Projects

Work continued on phase 2 of the "Virtual Academy" project that is funded out of a five-year grant from the Riksbankens Jubileumsfond (The Royal Bank of Sweden Tercentenary Fund). The project is managed and implemented by Professor Hermann Maurer at the technical University of Graz, Austria. The University are also co-sponsors of the new AE-INFO web portal, which will become the definitive information point for the membership of the Academy and provide access to interested public surfers.



The 'Riksbankens' project also includes significant themes on a modern context for the issues surrounding multicultural Europe, through a "Dialogue of European Cultures" and plans to strengthen the position and role of the Humanities in pan European scholarship and policy. These will be developed in the later phases of the project programme.

New Members of the Academia Europaea elected at Leuven

The nominations sub committee met in Leuven. The following candidates were invited to become members. [A = accepted; D = declined; NR = No reply]

Sect	Fullname	City/Country	DOB	Subject	A;D;NR
A1.	History & Archaeology	chair P. Emmer			
A1	Ronald G. Asch	Germany	1953/08/13	History of early Modern Europe	A

Sect	Fullname	City/Country	DOB	Subject	A;D;NR
A1	Klaus J. Bade	Germany	n/a	History (declined)	D
A1	David N. Cannadine	UK	1950/09/07	Modern British Social & Political History	A
A1	Linda Colley	UK	1949/09/13	Early Modern History	A
A1	Alain Corbin	France	1936	History	NR
A1	Bernard Cottret	France	1951	Modern European History	NR
A1	Markus A. Denzel	Germany	1967/04/20	Economic History	A
A1	Thomas H. E. Duve	Germany	1967/04/24	Legal History	A
A1	Guomundur Halfdanarson	Iceland	1956/02/01	Modern Social & Political History	NR
A1	Hermann J. Hiery	Germany	1957/04/17	German Colonial History	A
A1	Klaus Hildebrand	Germany	1941/11/18	German History (withdrawn illness)	D
A1	Lisa Jardine	UK	1944	Renaissance Studies	NR
A1	Jörg Fisch	Switzerland	1947/04/28	History	A
A1	Leo Lucassen	Netherlands	1959/07/25	Social History	A
A1	Renate Pieper	Austria	n/a	Early Morden History	A
A1	Antoine Prost	France	n/a	History	NR
A1	Juergen Sarnowsky	Germany	1955/11/16	History	A
A1	Johan L Blussé	Netherlands	1946/07/23	History	A
A1	Hans-Ulrich Wehler	Germany	1931	History (declined)	D
A1	François de Callatay	Belgium	1961/06/13	History of Greco-Roman world	A
A2.	Classics & Oriental Studies	c. H. Solin			
A2	Hannah Cotton	Israel	1946/08/28	Classics	A
A2	Simon Hornblower	UK	1949/05/29	Greek History & Culture	NR
A2	Heinz-Günther Nesselrath	Germany	1957/11/09	Greek Language & Literature	A
A2	Paolo Poccetti	Italy	1952/07/11	Comparative Philology	A
A3.	Linguistics Studies	c. W. Dressler			
A3	Hans Basboll	Denmark	1943/07/12	Linguistics	A
A3	Pier M Bertinetto	Italy	1947	Linguistics	A
A3	Hilary M. Chappell	France	1955/03/10	Linguistics	A
A3	Georges Kleiber	France	1944/12/06	Lexical Semantics	NR
A3	Maria Koptjevskaja-Tamm	Sweden	1957/06/12	Linguistics	A
A3	Christian-Werner P. Lehmann	Germany	1948/11/08	Linguistics	A
A3	April M McMahon	UK	1964	Linguistics	A
A3	Pieter Muysken	Netherlands	1950/04/11	Linguistics	A
A3	Franz Rainer	Austria	1957/08/09	Historical Linguistics	A
A3	Jerzy Rubach	Poland	1948	Historical Linguistics (DECLINED)	D
A3	Ruth Wodak	UK	1950/07/12	Linguistics	A
A4.	Literary & Theatrical Studies	c. S.E. Larsen			
A4	Elleke Boehmer	UK	1961	English Literature	NR
A4	César Dominguez Prieto	Spain	1970/06/29	Comparative Literature	A
A4	Astrid Erll	Germany	1972/09/05	English Literature	A

Sect	Fullname	City/Country	DOB	Subject	A;D;NR
A4	Ottmar Ette	Germany	1956/12/14	Romance Literature	A
A4	Soren Fauth	Denmark	1971/09/13	Philosophy & Literature	A
A4	Roy Foster	UK	1949	History and Literature	NR
A4	Joseph T. Leerssen	Netherland	1955/06/12	Literary History	A
A4	Lars Ole Sauerberg	Denmark	1950/03/12	Literature & Music	A
A4	Monica Spiridon	Romania	1952	Comparative Literature	A
A4	Mads Rosendahl Thomsen	Denmark	1972/09/14	Comparative Literature	A
A4	Waldemar Zacharasiewicz	Austria	1942/09/24	Literature	A
A4	Peter V Zima	Austria	1946//03/11	General & Comparative Literature	A
A5	Musicology, History of Art and Architecture	c. D. Hiley			
A5	Oskar Bätschmann	Switzerland	1943	Theory of Art	A
A5	Bonnie Blackburn	UK	1939	Music in the Renaissance	A
A5	Gottfried Boehm	Switzerland	1942	Theory of Art	NR
A5	Horst Bredekamp	Germany	1947	History of Art	A
A5	Werner Busch	Germany	1944	History of Art	NR
A5	Nicholas Cook	UK	1950	Musicology	A
A5	Katharine Ellis	UK	1963	Music & poetry	A
A5	David Fallows	UK	1945	Musicology	NR
A5	Manuel P Ferreira	Portugal	1959	Musicology	A
A5	Florence Gétreau	France	1951	Music iconography	A
A5	Barbara Hagg (FOREIGN)	USA	1951	Musicology	A
A5	Denis Herlin	France	1970	Music History	A
A5	Michel Huglo (Foreign)	USA	1921	Gregorian & other liturgical chant	NR
A5	Rainer Kleinertz	Germany	1958	Music	A
A5	Neil MacGregor (Honorary)	UK	1946	Art History	NR
A5	Alessandro Nova	Italy	1954	Italian Art History	NR
A5	Julian Rushton	UK	1941	Music History	A
A5	Michael Ryan	Ireland	1946	Art History	A
A5	Peter J. Schneemann	Switzerland	1964	Italian Art History	NR
A5	Mercedes Volait	France	1956	History of Architecture	A
A5	Martin Warnke	Germany	1937	Art History (DECLINED)	D
A6.	Philosophy, Theology & Religious Studies	c. S. Knuuttila			
A6	Lilli K. Alanen	Finland	1941	History of Philosophy	A
A6	Martin Carrier	Germany	1955/08/07	History & Philosophy of Science	A
A6	Mauro Dorato	Italy	1960/01/24	Philosophy of Science	A
A6	Gereon Wolters	Germany	1944/03/11	History & Philosophy of Science	A
A7.	Behavioural Sciences	c. J. Siegrist			
A7	Jay Belsky	UK	1952/07/07	Developmental Psychology	A
A7	Armin Falk	Germany	1968/01/18	Behavioural Economics	A
A7	Szabolcs Kéri	Hungary	1972/12/26	Behavioural Science	A
A7	David Lordkipanidze	Rep. of Georgia	1963/08/05	Palaeo-anthropology	A

Sect	Fullname	City/Country	DOB	Subject	A;D;NR
A7	Archana Singh-Manoux	France	1967/02/12	Social Psychology	A
A7	Lieven Verschaffel	Belgium	1957/09/18	Educational Psychology	A
A8.	Social Sciences	C. Anne Buttimer			
A8	Antoine Bailly	Switzerland	1944/07/04	Social Studies	A
A8	Mats Berdal	UK	1965/10/05	Social Studies	A
A8	Irina G Bokova (Honorary)	France	1952	European Culture and Social area	NR
A8	Hugh D. Clout	UK	1941/04/29	Geography	A
A8	Zoltan Kovacs	Hungary	1960/04/01	Human Geography	A
A8	Eric F. Lambin	Belgium	1962/09/23	Environmental Sciences	A
A8	Pierre-Michel Menger	France	1953/04/10	Sociology	A
A8	Klaus E.Müller	Germany	1935/01/06	Ethnology/Anthropology (DECLINED)	D
A8	Maira Paradiso	Italy	1966/06/30	Human Geography & Planning	A
A8	Denis Segrestin	France	1945/08/22	Sociology	A
A9.	Law	c. Joseph Straus			
A9	Ulrich Becker	Germany	1960/07/21	Social Law	A
A9	Helmut Koziol	Austria	1950/07/24	Law	A
A9	Herbert Kronke	Germany	1950/07/24	Commercial law	A
A9	Paul L. Nihoul	Belgium	1963/01/26	Law	A
A9	Marijjan Pavenik	Slovenia	1946/12/08	Law	A
A9	Stanislaw Soltysinski	Poland	1939/05/02	Commercial law	A
A.10	Economics,Business & Management Scs.	c. Peter Nijkamp			
A10	Tito Michele Boeri	Italy	1958/08/03	Labour Economics	A
A10	Arij Lans Bovenberg	Netherlands	1958/06/15	Population Economics	A
A10	Florencio Lopez-de-Silanes	France	1966/02/16	Financial Economics	A
A10	Gianmarco Ottaviano	Italy	1967/09/29	International Economics	A
A10	Piet Rietveld	Netherlands	1952/12/15	Transport Economics	A
A10	Andre Sapier	Belgium	1950/06/13	International trade	NR
A10	Richard Tol	Ireland	1969/12/02	Environmental & Resource Economics	A
A10	Jeroen van den Bergh	Spain	1965/08/01	Environmental & Resource Economics	A
A10	Klaus Zimmermann	Germany	1952/12/02	Labour Economics	A
B1.	Mathematics – no chair				
B1	Odd Olai Aalen	Norway	1947/05/06	Statistics	A
B1	Wolfgang K Hardle	Germany	1953	Statistics	NR
B1	Soren Johansen	Denmark	1939	Mathematics	A
B1	Niels Keiding	Denmark	1944/05/14	Theoretical Statistics	NR
B1	Christian P Robert	Denmark	1944	Biostatistics	A
B1	Adrian F.M.Smith	UK	1946/09/09	Mathematical Statistics	NR
B1	Peter Green	UK		Statistics	NR
B2.	Informatics	c. Hermann Maurer			

Sect	Fullname	City/Country	DOB	Subject	A;D;NR
B2	Elisabeth André	Germany	1961/11/03	Computer science	A
B2	Luca Benini	Italy	1967	Informatics	A
B2	Egon Boerger	Italy	1946/05/13	Logic & Computer Science	A
B2	Ivan Bratko	Slovenia	1946/06/10	Computer science	NR
B2	Pere Brunet	Spain	1948/12/22	Computer Graphics	A
B2	Giovanni De Micheli	Switzerland	1954	Computer Architecture	A
B2	Marco Dorigo	Belgium	1961	Artificial & Swarm Intelligence	A
B2	Zoltan Esik	Hungary	1951	Informatics	A
B2	Rusins Freivalds	Latvia	1942/11/10	Theoretical Computer Science	A
B2	Mikhail S. Gelfand	Russia	1963/10/25	Bioinformatics	A
B2	Nicolas Halbwachs	France	1953/06/12	Informatics	A
B2	Manuel Hermenegildo	Spain	1959/03/13	Computer Science	A
B2	Andrew Hopper	UK	1953/05/09	Informatics	A
B2	Juraj Hromkovic	Switzerland	1958/08/25	Theoretical Computer Science	A
B2	Thomas Lengauer	Germany	1952/11/12	Computer Science	A
B2	Fionn Murtagh	Ireland	1954/08/26	Informatics	A
B2	Wolfgang Nejdl	Austria	1960	Artificial Intelligence	A
B2	Paul G. Spirakis	Greece	1955	Computer Science	A
B2	Per Stenström	Sweden	1957/11/11	Electrical & Computer Engineering	A
B2	Constantine Stephanidis	Greece	1957/08/23	Human Computer Interaction	A
B2	Ahmet Murat Tekalp	Turkey	1958/03/25	Informatics	A
B2	Lothar Thiele	Switzerland	1957/04/07	Computer Engineering	A
B2	Enn Tougu	Estonia	1935/05/20	Informatics	A
B2	Carme Torras	Spain	1956	Artificial Intelligence	A
B3.	Physics & Engineering Sciences	c. L. Csernai			
B3	Jan D. Achenbach (Foreign)	USA	1935/08/20	Mechanics of Solids	A
B3	Jörg Aichelin	France	1953/07/04	Theoretical Physics	A
B3	Stephen Mark Barnett	UK	n/a	Quantum Optics	NR
B3	Fernando Briones	Spain	1943	Solid State Physics	NR
B3	Yury M. Bunkov	France	1950/08/29	Physics	A
B3	Pavel Exner	Czech Republic	1946	Nuclear Physics	A
B3	Laszlo Györfi	Hungary	1947	Telecommunications Engineering	A
B3	George Hadziioannou	France	1953/10/21	Polymer Materials & Systems	A
B3	Jürgen Kurths	Germany	1953/03/11	Theoretical Physics	A
B3	Ulf G. Meissner	Germany	1957/10/20	Theoretical Physics	A
B3	Par Omling	Sweden	1955	Semiconductor Physics	A
B3	François Peeters	Belgium	1955/11/15	Physics	A
B3	Maria Petrou	UK	1953	Image Processing	A
B3	Francesco Profumo	Italy	1953/05/03	Power Electronics	NR
B3	Richard R. A. Syms	UK	1958	Electrical Engineering	A
B3	John M T Thompson	UK	1937	Theoretical Physics	A

Sect	Fullname	City/Country	DOB	Subject	A;D;NR
B3	Peter M. Williams	UK	1945	Physics	NR
B4.	Chemical Sciences	c. Michel Ché			
B4	Christian Amatore	France	1951/12/09	Electrochemistry	A
B4	Ben L Feringa	Netherlands		Chemical Engineering	A
B4	Franco A. Gianturco	Italy	1938/12/11	Theoretical & Computational Molecular Sc.	A
B4	Lynn Faith Gladden	UK	n/a	Magnetic Resonance & Catalysis	A
B4	Peter Goelitz	Germany	1952/01/07	Chemistry	A
B4	Graham John Hutchings	UK	1951/02/03	Heterogeneous catalysis	A
B4	Johannes A. Lercher	Germany	1954/09/20	Chemistry	A
B4	Michel Orrit	Netherlands	1956/02/27	Single Molecule Spectroscopy	A
B4	Michel Verdaguer	France	1942/01/16	Molecular Inorganic Chemistry	A
B4	Bert Weckhuysen	Netherlands	1968/07/27	Catalysis	A
B5.	Earth & Cosmic Sciences	c. D. Dingwell			
B5	Enrico Bonatti	Italy	1936/09/28	Marine Geology	A
B5	Claude Boutron	France	1947/06/26	Chemistry of past Atmosphere	A
B5	George Efstathiou	UK	1955/09/02	Astronomy	NR
B5	Carlos S Frenk	UK	1951/10/27	Computational Cosmology	NR
B5	Claude Jaupart	France	1953/05/22	Geophysics	A
B5	Ofer Lahav	UK	1959/04/05	Astronomy	NR
B5	G. K. Miley	Netherlands	1942/03/15	Cosmology	NR
B5	Christopher G. Rapley	UK	1947/04/08	Climate Science	A
B5	David B. Stephenson	UK	1963/08/07	Statistical Climatology	A
B5	Edward M Stolper (Foreign)	USA	1952	Geochemistry & Petrology	A
B5	Hans Suenkel	Austria	1948/10/04	Earth Sciences	A
B5	Time de Zeeuw	Germany	1956	Astronomy	NR
C1.	Biochemistry & Molecular Biology	c: Moshe Yaniv			
C1	Naama Barkai	Israel	1967/05	Systems Biology	A
C1	Paolo Bernardi	Italy	1953/11/21	Bioenergetics	A
C1	Marco Foiani	Italy	1961/10/29	Molecular Biology	A
C1	Marc Fontecave	France	1956/09/27	Chemistry of Biological Processes	A
C1	Eva Kondorosi	Hungary	1948/03/22	Microbial Genetics	NR
C1	Alexander Levitzki	Israel	1940	Enzymology	A
C1	Evgeny I. Rogaev	Russia	1960/10/31	Molecular Genetics	A
C1	Marten Wikstrom	Finland	1945/06/20	Biochemistry	A
C2.	Cell Biology	c. Margaret Buckingham			
C2	Keld Dano	Denmark	1936/11/11	Tumour Biology	NR
C2	Pier P. Di Fiore	Italy	1958/04/11	Molecular Oncology	NR
C2	Anne Ephrussi	Germany	1955/09/15	Developmental Biology	A

Sect	Fullname	City/Country	DOB	Subject	A;D;NR
C2	Rafael Giraldo	Spain	1963/06/06	Microbiology	A
C2	Sergei A. Nedospasov	Russia	1952/09/17	Molecular Immunology	A
C2	Angela Santoni	Italy	1950/02/21	Cellular Immunology	NR
C2	Stefano Schiaffino	Italy	1939/08/15	Cell Biology	A
C2	Austin Smith	UK	1966/08/01	Stem Cell Biology	A
C2	Harald Stenmark	Norway	1960/10/25	Biochemistry	NR
C3.	Physiology & Medicine	c. A. Verkhatsky			
C3	Alfonso Araque	Spain	1965/10/16	Neuroscience	A
C3	Fabrizio Benedetti	Italy	1956/06/14	Neuroscience	A
C3	Francesco Clementi	Italy	1936/04/22	Pharmacology	A
C3	George P Chrousos	Greece	1951	Medicine-Biomedical	A
C3	Vincenzo Crunelli	UK	1951/07/05	Neuroscience	A
C3	Kevin Fox	UK	1957/09/13	Neuroscience	A
C3	Giovanni Gaviraghi	Italy	1945/05/02	Medicinal Chemistry	A
C3	Juan Lerma Gomez	Spain	1955/06/08	Neuroscience	A
C3	Paolo Mazzarello	Italy	1955/05/30	History of Medicine	A
C3	Mauro Perretti	UK	1960/05/11	Pharmacology	A
C3	Stephen S. Taylor	UK	1969/01/11	Cancer Cell Biology	A
C4.	Organismic & Evolutionary Biology	c. Y. Le Maho			
C4	Clive Finlayson	Gibraltar	1955/01/15	Anthropology	A
C5	Applied & Translational Biology	Vacant			
C5	Marianne Thoresen	UK	1951	Applied Paediatric biomedicine	A

The President proposed a list of eminent individuals to be considered for election both as ordinary members and also as Honorary members. The list of Honorary members elected in 2010 included:
Ms Irina Bokova, Secretary General of UNESCO.

Council agreed to implement an online system for nominations. The work was under the developmental control of Professor Maurer – Chair of the Informatics Section (Technical University of Graz) and was funded out of the Riksbankens Programme grant.

Publications

The Academia's quarterly journal the European Review is published by the Cambridge University Press and is distributed to all members of the Academia and to other subscribers. The Review has included papers presented at several of the events described above, including from the 2009 annual meeting in Naples. The circulation of the journal showed a small increase in institutional subscriptions. There was an increase in the number of 'focus' sections within the journal. Steps were taken to broaden the appeal of the journal to other European Academies and also to other like minded organisations on a contributing basis. Discussion will continue to improve visibility. During the year, negotiations were agreed with the CUP to move to an online only journal from January 2012. Members would retain an option to pay separately to continue to receive hard copy.



The Portland Press published the symposium volume "From Information to Knowledge; from Knowledge to Wisdom: Challenges and changes facing higher education in the digital age". This was the



volume arising out of the HERCULES-Wenner Gren symposium held during 2009. The event and volume had been sponsored by the Wenner Gren Foundations as part of the ongoing AE HERCULES programme.

Communications

During the year a new membership directory for 2010 was published. The web site was further developed to provide more detailed information on events and activities. General mailings to members were kept under control, with increased use of emailing and E-zine newsletters. The quarterly European Review was used to mail out information to members as this provided a more cost effective channel. Two major developments were ongoing as a result of project grant funding from the **Riksbankens Jubileumsfond**: The Board approved the development of phase II of the new Information and public relations web portal www.ae-info.org,

ACADEMIA EUROPAEA INFO-COMM

and an online nominations system. Further development of these new communication channels is expected in 2011/2012. As a subscribing member of the European Academies Science Advisory Council, the AE has continued to publicise the expert reviews and reports of that body to appropriate sections of the membership and through the new Electronic newsletters and through links on our two websites.

Governance matters

During the year: the members at the AGM held in Leuven on 9 September confirmed the new Board of Trustees. All remaining changes in governance and legal status were completed. As at the AGM in September 2010, the Company been fully activated. During this reporting period, all assets and operations were transferred. The old trust was de-registered with the Charity Commissioners.

The Trustees, Council and subcommittees

The Board of Trustees met on 9 April, 2010 and again on 29 June, 8 September and 17 December 2010. All were quorate. The Council met on 9 September 2010. The Council's Nominations Subcommittee met on 7 – 8 September 2010. The Publications group met informally on 9 September 2010.

Annual Business Meeting 2010

Some 44 members attended. Reports were received from the President, The Honorary Treasurer; The chair of the Nominations sub-committee, the Editor-in-chief of the European Review, the retiring chair of the Board of trustees (of the original trust) – Prof Heap. Prof Maurer gave a brief presentation on the new “www.ae-info” web portal. Members confirmed the re-election of Prof Cinzia Ferrini for a second and final three year term on the Council (Prof. Ferrini is also a member of the Board of Trustees). The AGM also elected Prof. Susan Bassnett for a second term on council and Prof Gyulus Balacz for a first term on Council. All three are independent members of the Council representing the interests of the general membership at large. The members agreed to the establishment of a new Section for Translational and Applied Biology. The members received a short report from Prof J. Langer as the Foreign Secretary of the Academia Europaea on developing stronger relationships with other European institutions. The President announced that Prof. Manuel Castells had been selected to receive the 2011 Erasmus medal at the Annual meeting in Paris. The honorary treasurer presented the 2009/10 annual report and accounts. These were adopted. The members confirmed the auditors for the coming year. The members confirmed the annual members' subscription for 2011 at 120 Euros (fixed at an exchange rate of 100 Pounds Sterling)

Section reports

In 2007, Council adopted a policy setting out the procedures for the governance and management of Sections and their committees. All Section chairs are expected to provide a short report to the Annual Business meeting of member and for inclusion into the annual report. The following sections have reported:

Section A1 - History and Archaeology – Chair P. Emmer (Leiden)

During the past 12 months and as part of the annual conference of the Academia Europaea, the History and Archaeology Section organised the following workshop convened by Prof. Dr. Ivan Denes (Budapest)

Overcoming European Civil Wars: Patterns of Consolidation in Divided Societies, 2010–1800

"Divided, sometimes antagonistic, communities in officially unified nations seem to be the rule in Europe. In some cases, they conjure up the most painful memories of actual civil-war events, such as Jedwabne, Naoussa, Londonderry, or Srebrenica, but usually they constitute the common experience of most Europeans.

Almost every European nation went through the overwhelming experience of the two World Wars—either as winners or as the defeated, sometimes as perpetrators, and often as victims. Many were defenceless against mass murder, ethnic cleansing, and more lost their homes, surroundings, neighbourhoods, security, and peaceful ways of life.

Many of these experiences were archetypal. Some were related to the transition from one or another type of dictatorship to democracy, or vice versa. Others to the twofold process of dissolving empires and creating new nations, medium- or small-sized independent countries, when major portions of populations suddenly found themselves, due to shifting borders, moved from imperial centres to peripheries or from imperial peripheries to national centres. Many experiences had to do with weathering civil war and reconstruction. And there the universal European experiences of the transformation from traditional to modern society, of the competition and cooperation between nations, and then their ultimate integration into the European Union. The political languages and narratives of these experiences often have their roots in collective transitional tasks, such as establishing democracy, fighting for national liberation, national reconstruction, modernisation, and forging a collective identity out of the ideals of the nation-state, European cooperation and federalism. These discourses have been held together by elite-generated identity models, images of preceding conflict, interpretations of the recent past, the self and the inner alterity, and the blueprints of memory.

They have been the building blocks of the patterns of consolidation, the underlying assumptions of turning divided societies and fractured political cultures into a political community. Each one of them has had its share in the “European civil wars”. In spite of major breakthroughs, especially in Germany and the Franco-German reconciliation, we find all over Europe that the experiences and humiliations of previous generations have remained unspoken and unelaborated at both individual and community levels. Dangerous as they are, such narratives and undigested traumas necessarily call for well-advised, learned and thoughtful acts of overwriting and reworking."

Section A6 - Philosophy, Theology and Religious Studies – Chair S. Knuuttila (Helsinki)

The members of the Section committee are: Simo Knuuttila, chair (Helsinki), Wolfgang Künne (Hamburg), Onora O'Neill (Cambridge) and Christoph Marksches (Berlin). Four members of the section were present at the annual meeting of the Academia Europaea in Leuven 2010, discussing possibilities to increase the number of membership proposals and to organize a small symposium on the future of philosophy. These discussions were continued in the section committee and with Scandinavian members by email. Five new proposals were made, the same as in 2010. We were waiting for more activity and try to think about how to improve this.

Section A7 - Behavioural Sciences – Chair J. Siegrist (Düsseldorf)

During the period of 2010/2011 Section members developed some promising activities. First, more nominations of new members were forwarded to the Section Committee than was the case in previous years. Second, some members belonging to the discipline of educational sciences showed strong interest in strengthening their role within the Section, e.g. by contributing to future meetings or by being prepared to take an active role in the forthcoming election of the new Section Committee Membership. Third, several Section members were –or still are- involved in an initiative launched by the Regional Office for Europe of the World Health Organization (WHO) to reduce the gap between available scientific evidence and policy action, specifically in the field of social determinants of health. The WHO Office invited Sir Michael Marmot, member of the Section Committee, to chair a respective Report to be delivered to the Ministries of Health of all Membership States later in 2011. Several Section members contribute to this Report either as co-authors or as consulted experts. However, a formal collaboration with Academia Europaea has not been developed.

Despite these activities the Section did not manage to initiate a comprehensive working programme involving a substantial number of its members. Therefore, it was not feasible to hold a workshop in the frame of the Annual Meeting of Academia Europaea, as was initially proposed. At the Annual Meeting in 2010, a group of participants belonging to several sections, including members of the Section Behavioural Sciences, demonstrated interest of developing an 'inter-sectional' scientific exchange activity. Yet, so far, no developments have been visible. It is hoped that the new Section Committee will enhance its activities and, thus, contribute to the growth of Academia Europaea.

Section B2 – Informatics – Chair Prof. Hermann Maurer (Graz)

The year 2010/2011 was a quite an active year for the Informatics Section.

The section organized – together with the Section Earth and Cosmic Science- a 2 day workshop in Graz, Austria in summer 2010. The workshop really ended up as veritable conference. It attracted over 100 participants, and a number of to-notch speakers. A detailed report on the meeting can be found on the AE-INFO server under the red heading “Interdisciplinary Conference on Earth&Cosmic Sciences and Informatics” on http://www.ae-info.org/ae/Acad_Main/Sections/Informatics/Informatics_and_Activities

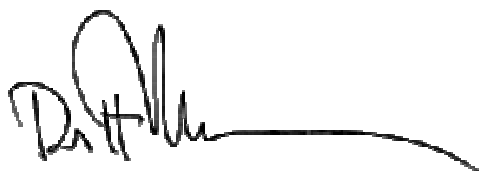
Also, the 25th International Symposium on Computer and Information Sciences, the first under the auspices of the section was a big success, and the next one is well on its way, see <http://san.ee.ic.ac.uk/iscis2011/>

The section grew by some 20% in the past year, although, sadly, four prominent members passed away. To assure that no more discussions would arise if someone is "qualified as member of AE in Informatics or not" (a bone of contention in the past) the Section Committee with input from all members agreed on a set of guidelines as shown on http://www.ae-info.org/ae/Acad_Main/nominations/IS-Nomination

Thus it is now fairly clear whether someone is qualified for Informatics in AE or not. This has had a very positive effect: Many section members got involved in nominating excellent new candidates. After proposing initially over 80 names, 41 new members have been nominated by a total of 38 different members for the 2011 cycle, i.e. more than one third of the section participated actively in the process! Due to the high quality of candidates it is fair to assume that a high percentage will also be acceptable to the Nomination Subcommittee In September 2011.

The Informatics Section is quite well represented on the AE-INFO server, see e.g. http://www.ae-info.org/ae/Acad_Main/Sections/Informatics/What_is_Informatics

The section did propose the Belgium computer scientist Luc Steele for Erasmus price, but eventually the famous chemist Frechet got the price, with Luc Steele now an active member of the Informatics Section. The section did have one disappointment: it had planned to run a small conference in parallel to the Paris meetings (and four active members started to work on this), but the preparations were given up when the organizers in Paris were unable to provide information on the availability of rooms. We hope that the annual meeting will get the attention they deserve in the future.

A handwritten signature in black ink, appearing to read 'H. Maurer', with a long horizontal flourish extending to the right.

H. Maurer, Chair of the Informatics Section, Graz, June 6, 2011

Risk assessment

The Trustees have assessed the major risks to which the charity is exposed, in particular those relating to the operations and finances of the charity and are satisfied that systems are in place to mitigate our exposure to these risks. However, the situation will be kept under constant review.

Financial report

Company Law in the United Kingdom, under which the Academia Europaea (The Academy of Europe) is incorporated as a company limited by guarantee and Charity Law under which the Company is registered as a not-for-profit charitable organisation, requires the Trustees to ensure that financial statements are prepared for each financial year giving a true and fair view of the state of affairs of the Trust at the end of the financial year, and of its income and expenditure. The Trustees are also responsible for ensuring that proper accounting records are kept, for taking reasonable steps to safeguard the assets of the Trust and to prevent and detect fraud and other irregularities.

The Trustees confirm that suitable accounting policies have been used and applied consistently and that reasonable and prudent judgements and estimates have been made in the preparation of the financial statements for the year ended 31 March 2011. The Trustees also confirm that applicable accounting standards have been followed and that the financial statements have been prepared on the going concern basis. The assets are available and adequate to fulfil obligations on a fund - by - fund basis.

The Academia is required by UK law to present its accounts in sterling. A version expressed in Euros could be prepared by converting the figures at the exchange rate for a particular date, but this would not be accurate since transactions are spread across the financial year, during which a range of exchange rates have existed. Any significant foreign exchange impacts are described in the notes to the accounts

Reserves Policy

It is the policy of the Trustees to maintain sufficient reserves for the Academia Europaea to continue its charitable activities and in view of this, the Trustees aim to achieve reserves equal to approximately six months expenditure.

Income and expenditure for the year 2010-2011

The year was marked by a number of good trends. Members' subscription income continued to grow, although it is clear that still not enough of our members who should be paying are actually doing so. There was a marginal increase in income from publications and London secretariat costs were kept under tight control. The switch from paper newsletters and surface post to electronic mail systems, has had a good impact both in terms of cost savings and an increase in frequency of mailings to members. The success of this of course depends upon members making sure that we have up-to-date contact information and a working email address. This will continue to be the case with further substantial savings coming from a switch early in 2012 from hard copy for the European Review to online only. There were however strong downsides to the year. We lost further core income from our Spanish sponsor and German contributions were still half of those enjoyed in previous years. The Royal Society of London, our major supporter since our foundation, indicated their intention to cease financial support in 2011. The Board have embarked on a planning regime to ensure the continuing financial viability of the Academia. The Board do recognise that it is increasingly difficult, especially in the current financial climate, to obtain core financial support from public and many private institutions. The Board are planning a range of actions to further reduce core costs over the coming year, and to take steps to identify and secure new income sources to ensure that the Academia can continue to develop. One development under consideration is for a second office to be established in Poland (Wroclaw) at the invitation of the City authorities. The Board will also take steps to ensure a continuing increase in our income from members, as this will be absolutely vital for the future of the Academia Europaea. There has to be a more dominant "internal income" stream from members to support the core functions of the Academy. Overall, project income for the year was down on the previous year. This was a reflection of the normal cyclical nature of such activity and reflects the level of sponsorship to match specific, individual initiatives.

Finally, readers will note that these accounts do not contain a comparison with the previous year. This is because of the change in our legal status and our registration as a Company Limited by Guarantee (in England) and the re-registration of this company as a not-for-profit charity under English Charity law. The old Academia Europaea Trust was dissolved. This is therefore in effect, a new start and a first reporting year under our new legal regime.

Signed on

2011 by:

Lars Walløe
President

Roger Elliott
Treasurer

On behalf of the Trustees

We have audited the accounts of The Academia Europaea (The Academy of Europe) for the year ended 31 March 2011 which comprise the Profit and Loss Account, the Balance Sheet and the related notes. The financial reporting framework that has been applied in their preparation is applicable law and the Financial Reporting Standard For Smaller Entities (effective April 2008) (United Kingdom Generally Accepted Accounting Practice applicable to Smaller

Respective responsibilities of trustees and auditors

As explained more fully in the Trustees' Responsibilities Statement, the trustees (who are also the directors of the charitable company for the purposes of company law) are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view. The trustees have elected for the financial statements to be audited in accordance with the Charities Act 1993 rather than with the Companies Act 2006. Accordingly we have been appointed as auditor under section 43 of the Charities Act 1993 and report in accordance with that Act. Our responsibility is to audit and express an opinion on the financial statements in accordance with applicable law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's [(APB's)] Ethical Standards for Auditors

Scope of the audit of the financial statements

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of: whether the accounting policies are appropriate to the charitable company's circumstances and have been consistently applied and adequately disclosed; the reasonableness of significant accounting estimates made by the trustees; and the overall presentation of the financial statements. In addition, we read all the financial and non-financial information in the trustees' report to identify material inconsistencies with the audited financial statements. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

Opinion on financial statements

In our opinion the accounts:

give a true and fair view of the state of the charitable company's affairs as at 31 March 2011 and of its incoming resources and application of resources, including its income and expenditure, for the year then ended;

have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice applicable to Smaller Entities; and

have been prepared in accordance with the requirements of the Companies Act 2006.

Opinion on other matters prescribed by the Companies Act 2006

In our opinion the information given in the Directors' Report for the financial year for which the accounts are prepared is consistent with the accounts.

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters where the Charities Act 1993 requires us to report to you if, in our opinion:

* the information given in the Trustees' Annual Report is inconsistent in any material respect with the financial statements; or

* the charitable company has not kept proper and adequate accounting records; or

* the financial statements are not in agreement with the accounting records and returns; or

* we have not received all the information and explanations we require for our audit.

Jurek Borucki

(Senior Statutory Auditor)

Chartered Accountants

First Floor 15 Young Street

London W8 5EH

26 08 2011

Keith, Vaudrey & Co is eligible to act as auditor in terms of Section 1212 of the Companies Act 2006.

Statement of Financial activities for the year ended 31st March 2011

The Academia Europaea (The Academy of Europe)

INCOME AND EXPENDITURE

for the year ended 31 March 2011

	Unrestricted Funds	Designated Funds	Restricted Funds	Total Funds 2011	Total Funds 2010	
Notes	£	£	£	£	£	
INCOMING RESOURCES						
Incoming resources from generated funds						
-Voluntary income						
Donations for general purposes	2	47,272	-	-	47,272	-
Contributions for special purposes		-	-	-	-	-
Contribution towards premises costs	2	52,000	-	-	52,000	-
Members' contributions		102,677	-	-	102,677	-
Members Lump Sum Contribution		-	-	-	-	-
-Activities for generating funds		-	-	-	-	-
Interest receivable		15	-	-	15	-
Publications grant and royalties	3	11,187	-	-	11,187	-
-Incoming resources from charitable activities		-	-	-	-	-
Direct income for project management		-	-	-	-	-
Grants and receipts for plenary meetings	4	-	-	14,157	14,157	-
Grants for projects	4	-	-	52,674	52,674	-
Grants for prizes	4	-	-	14,000	14,000	-
-Other incoming resources		-	-	-	-	-
TOTAL INCOMING RESOURCES		213,151	-	80,831	293,982	-
RESOURCES EXPENDED						
Costs of generating funds:						
Fundraising and publicity	5	11,626	-	-	11,626	-
Charitable activities	6	256,367	-	49,606	305,973	-
Governance costs	7	2,920	-	-	2,920	-
		-	-	-	-	-
TOTAL RESOURCES EXPENDED	8	270,913	-	49,606	320,519	-
NET (OUTGOING)/INCOMING RESOURCES FOR THE YEAR						
		(57,762)	-	31,225	(26,537)	-
Transfer between funds						
		58,107	-	(58,107)	-	-
		345	-	(26,882)	(26,537)	-
FUNDS TRANSFERRED						
1 APRIL 2010 FROM CHARITABLE TRUST		88,939	575	40,943	130,457	-
FUNDS CARRIED FORWARD AT						
31 March 2011		89,284	575	14,061	103,920	-

None of the charity's activities were acquired or permanently discontinued during the above financial period.

The charity has no recognised gains and losses other than those shown above and therefore no separate statement of total recognised gains and losses has been presented.

Balance Sheet as at 31st March 2011

**The Academia Europaea (The Academy of Europe)
Balance Sheet
as at 31 March 2011**

	Notes	2011 £	2010 £
Fixed assets			
Tangible assets	10	<u>8,247</u> 8,247	-
Current assets			
Stocks		-	-
Debtors	11	19,389	-
Cash at bank and in hand		<u>154,221</u>	<u>-</u>
		173,610	-
Creditors: amounts falling due within one year			
	12	(77,937)	-
Net current assets		<u>95,673</u>	
Total assets less current liabilities		<u>103,920</u>	<u>-</u>
Net assets		<u>103,920</u>	<u>-</u>
Capital and reserves			
Unrestricted Funds			
Accumulated General Fund		89,284	-
Designated Funds:	13	<u>575</u>	<u>-</u>
		89,859	-
Restricted Funds	14	14,061	-
Total Funds		<u>103,920</u>	<u>-</u>

The directors are satisfied that the company is entitled to exemption from the requirement to obtain Members have not required the company to obtain an audit in accordance with section 476 of the The directors acknowledge their responsibilities for complying with the requirements of the The accounts have been prepared in accordance with the provisions in Part 15 of the Companies

Professor Lars Walloe, President
Director
Approved by the board on 25 08 2011

Roger James Elliott, Hon. Treasurer
Director

Notes to the accounts for the year ended 31st March, 2011

1 ACCOUNTING POLICIES

Basis of preparation of accounts

The accounts have been prepared under the historical cost convention, and in accordance with applicable accounting standards and the statement of recommended practice, Accounting by Charities.

Income

With the exception of members contributions and donations all income is credited to the statement of

Cost allocation

Direct charitable expenditure includes all expenditure incurred on activities conducted in pursuance of Academia Europaea's objectives.

Staff costs, premises overheads and other costs are apportioned on the basis of percentage time spent on charitable activities, fundraising and publicity, and management and administration.

Irrecoverable VAT is included in the items of expenditure to which it relates.

Operating leases

Rentals and service charges paid under operating leases for office premises and equipment are charged to Resources Expended in the Statement of Financial Activities as incurred.

Contributions from third parties

Several of Academia Europaea's activities are supported or partially supported by contributions from third parties paid directly to local organisers. These funds have not passed through the Academia's books. It is the Academia's intention to recognise and include these contributions in the Statement of Financial Activities where the amounts are known or can be determined.

However, while the substance of these activities remains under the Academia's direct control, the local organisers and sponsors have autonomous responsibility for making contributions which may be in cash or in kind and cannot be reasonably included in the Statement of Financial Activities.

Fixed assets and depreciation

Office furniture and equipment are depreciated on the straight line basis at the rate of 10% per annum and computer equipment at the rate of 25% per annum to write off the cost over their estimated useful lives. Additions to fixed assets have been transferred at net book value from the trust to the company.

London Secretariat charges

Much of the London Secretariat's time is spent organising and assisting plenary meetings, projects and study groups. It is the policy of Academia Europaea that, where possible, these administration costs be recovered from these activities.

Foreign currency transactions

Transactions in foreign currencies are translated into sterling at the rate of exchange ruling at the date of the transaction. Assets and liabilities in foreign currency are translated into sterling at the rate of exchange ruling on the balance sheet date

Notes to the accounts, contd....

1. ACCOUNTING POLICIES (continued)

Taxation

The Academia Europaea is a registered charity and therefore is not liable for income tax or corporation tax on income derived from its charitable activities, as it falls within the various exemptions available to registered charities.

Funds

Restricted funds are set up from grants and contributions given to Academia Europaea, the use of which is restricted as to purpose and conditions imposed by the donors. None of these funds has any permanent endowed capital.

Unrestricted funds represent accumulated surpluses and deficits in the statement of financial activities which are available for use at the discretion of Academia Europaea's operations and activities. The Council may set aside amounts to be designated for

The unrestricted funds comprise the Accumulated General Fund, Capital Fund and Academia Europaea Trustees Fund as described in notes 4,5, 6,7 and 8 respectively.

2. DONATIONS FOR GENERAL PURPOSES

	2011
	£
The Royal Society, UK *	22,500
DFG, Germany	22,272
KWN	2,500
	<hr/>
	<u>47,272</u>

* The Royal Society also made a contribution of £52,000 towards premises costs.

3. PUBLICATIONS AND ROYALTIES

In 2010-11 Academia Europaea received an annual grant from Cambridge University Press of £5,820 to cover, in part, editorial and office expenses of the European Review.

Royalties income of £5.367 were also received.

Notes to the accounts contd...

4. GRANTS AND RECEIPTS FOR PLENARY MEETINGS, PROJECTS AND PRIZES

Grants and Receipts for Plenary Meetings

Grants and receipts for Leuven totalled £ 14,157.

	2011
	£
Grants for Projects	
The Swedish Academy of Letters and Antiquities: Kungl Vitterhets	10,061
Riksbankens Jubileumsfond Sweden	34,411
Hercules Symposium	4,000
Heinz Nixdorf	4,202
Wenner Gren	-
	<u>52,674</u>
Grants for Prizes	
MAIK Interperiodika	7,913
Rosbusinessbank	6,087
	<u>14,000</u>

5. FUNDRAISING AND PUBLICITY

	2011
	£
Premises overheads	3,066
Staff costs	8,560
	<u>11,626</u>

6. CHARITABLE ACTIVITIES

	Unrestricted General Fund	Designated Heinz- Nixdorf	Restricted Projects Fund	Total
	£	£	£	£
Membership and information services				
Council, board, trustees and subcommittees	11,350	-	-	11,350
Relations with other bodies	29,316	-	-	29,316
Publications (European Review)	8,696	-	-	8,696
Plenary meetings	51,425	-	-	51,425
Hercules Series conference	-	-	8,861	8,861
Heidelberg	-	-	-	-
Graz	-	-	-	-
Medals	-	-	23,269	23,269
Russian Prizes	-	-	476	476
Total Direct Costs	<u>-</u>	<u>-</u>	<u>14,000</u>	<u>14,000</u>
Support Costs	100,787	-	46,606	147,393
Premises overheads				
Staff costs	33,004	-	-	33,004
Books and stationery	89,150	-	3,000	92,150
Postage and telecommunications	1,994	-	-	1,994
Miscellaneous	2,468	-	-	2,468
Office equipment maintenance and support	1,270	-	-	1,270
Accountancy services	7,935	-	-	7,935
Depreciation on tangible fixed assets	7,514	-	-	7,514
Difference on exchange rates	3,432	-	-	3,432
Bank charges and commissions	1,785	-	-	1,785
	7,028	-	-	7,028
	<u>256,367</u>	<u>-</u>	<u>49,606</u>	<u>305,973</u>

Notes to the accounts contd...

7. GOVERNANCE COSTS

Professional fees (audit fees)	2,920	-	-	2,920
---------------------------------	-------	---	---	-------

8. TOTAL RESOURCES EXPENDED

	Direct Costs	Staff Costs (note 9)	Other Costs	2011 Total Costs
	£	£	£	£
Fundraising and publicity	3,066	8,560	-	11,626
Charitable activities	170,484	92,150	43,339	305,973
Governance costs	-	-	2,920	2,920
	<u>173,550</u>	<u>100,710</u>	<u>46,259</u>	<u>320,519</u>

9. STAFF COSTS

	2011 £
Salaries	85,394
Social security costs	8,628
Pensions costs	6,688
Total Staff Costs	<u>100,710</u>

The average number of persons, analysed by function, employed by Academia Europaea during the year was:

Charitable activities	2
Management and administration	<u>1</u>
	<u>3</u>

No trustee received any remuneration in respect of their services in the year (2010 - £Nil)

No employee received earnings in excess of £60,000 in 2010-2011 or 2009-2010.

The charity operates a defined contribution pension scheme. The assets of the scheme are held separately from those of the charity in independently administered funds. The pension cost charge represents contributions payable by the charity and amounted to £6,688.

Notes to the accounts contd...

10 Tangible fixed assets

	Computer Equipment £	Office and Equipment £	Furniture £	Total £
COST				
At 1 April 2010	-	-	-	-
Additions	4,904	6,775	-	11,679
Disposals	-	-	-	-
At 31 March 2011	<u>4,904</u>	<u>6,775</u>	-	<u>11,679</u>
ACCUMULATED DEPRECIATION				
At 1 April 2010	-	-	-	-
Disposals	-	-	-	-
Charge for the year	1,668	1,764	-	3,432
At 31 March 2011	<u>1,668</u>	<u>1,764</u>	-	<u>3,432</u>
NET BOOK VALUE				
At 31 March 2011	<u>3,236</u>	<u>5,011</u>	-	<u>8,247</u>
At 31 March 2010	<u>-</u>	<u>-</u>	-	<u>-</u>

11 Debtors

Prepayments and accrued income	16,185
Other debtors	3,204
	<u>19,389</u>

12 Creditors

Sundry creditors	59,943
Receipts in advance	17,994
	<u>77,937</u>

Notes to the accounts contd...

13 Designated Funds	At 1 APRIL 2010 £	TRANSFERS £	EXPENDED in YEAR £	At 31 MARCH 2011 £
20th Anniversary Appeal	575	-	-	575
	<u>575</u>	<u>-</u>	<u>-</u>	<u>575</u>

This fund is set aside as a designated fund to fulfil an obligation of the directors.

14 Restricted Funds

	Opening Balance £	Incoming Resources £	Outgoing Resources £	Transfer £	Closing Balance £
Kungl Vitterhets	-	10,061	-	-	10,061
Grant from Russia	-	14,000	(14,000)	-	-
Grants for annual meeting	33,287	14,157	(8,861)	(38,583)	-
Riksbankens Jubileumsfond Sweden	7,656	34,411	(26,269)	(15,798)	-
Heinz Nixdorf	-	4,202	(476)	(3,726)	-
Hercules Symposium	-	4,000	-	-	4,000
	<u>40,943</u>	<u>80,831</u>	<u>(49,606)</u>	<u>(58,107)</u>	<u>14,061</u>

Kungl Vitterhets is a fund for conference sponsorship.

Grant from Russia are Russia prizes for young scholars for Russia.

Riksbankens Jubileumsfond Sweden is a grant for projects in the " Networking and Outreach" Programme.

Heinz Nixdorf is a grant for the annual Erasmus award for 2010 to 2014 receiving €5,000.00 is received annually.

Approximately €25,000 is spent on " Virtualisation of the Academia of Europaea projects or also called the Graz project.

Hercules (Higher Education Research and culture in European society) Symposium are funds for conferences.

15 Related Party Transactions

The total amount refunded to the directors regarding travel and subsistence for the year amounted to £ 11,820.

Annex 1a Trustees, Council, Nominations sub Committee and Section Committee composition as at 31st March 2011

Members of the Board (at 31 March 2011)

The President – Prof Lars Walloe (Oslo)

The Treasurer – Professor Roger Elliott (CAmbridge)

The Vice President – Professor Sierd Cloetingh (Amsterdam)

Ole Petersen, (UK) (Chair of the Nominations committee); Theo D'Haen, (B) (Editor-in-chief – European Review); Cinzia Ferrini, ITA; Michel Ché, (F) (Chair of the Chemistry Section); Peter Emmer, (NL) (Chair of the History Section); Jerzy Langer, (PL) (co-opted); Andreu Mas-Colell (ESP) (Co-opted).

Academia Europaea - Composition of Council (at September 2010)

All terms of office are three years, with the possibility of renewal for one further period of three years. Positions on subcommittees are not time-limited. **Since September 2006 Chairs of Sections are all full members of the Council.** From 1st January, 2008 all Section chairs serve a three year term (renewable once) on Council. The first date of retirement for them was 31 December 2010. The Trustees (Board members) are *de facto* members of the Council.

		Sectn.	First appoint.	Reappoint	Retire	D.o.b
<u>President*</u>						
Lars Walløe, Oslo	C4	Sept. 2008	2011	2014	20/05/38	
<u>Vice-President(s)*</u>						
Sierd Cloetingh, Amsterdam	B5	Sept. 2008	2011		2014	20/08/50
<u>Treasurer*</u>						
Roger Elliott, Oxford	B3	Jan. 2010	2012		2014	
<u>Independent Council Members elected by AGM</u>						
Susan Bassnett, Warwick, UK	A4	Sept 2007	2010		2013	na
Cinzia Ferrini, Trieste, ITA*	A6	Sept 2007	2010		2013	30/06/56
Balazs Gyulas, Stockholm, SE	C3	Sept 2010	2013			

PLUS all the Chairs of Sections

Section committees

Section chairs & committee members (as at January 1, 2011)¹

Section:	Chairperson:²	Committee³
A1. History & Archaeology	Pieter C. Emmer (2010/13) ⁴ Leiden University Dept. of History P O Box 9515 2300 RA Leiden THE NETHERLANDS p.c.emmer@hum.leidenuniv.nl	Rab Houston Horst Pietschmann Olivier Pétré-Grenouilleau

* Members of the Board (of Management)

¹ Committees are elected by the members of the section accordance with the Regulations for Section Committees. At least 50% of the committee has to be elected by a ballot of the membership of the Section. All members of the Section are eligible to stand for election as Committee candidates. The exact procedure for rotation and elections is decided by the Committees themselves. The Chair must ensure the committees reflect a balance of representation of the fields within the Section and should ensure a regular rotation of members of the committee.

² Chairs serve a three term, renewable once only for a further three years.

³ Committee members serve a three year term that can be renewed once only for a further three year period.

⁴ (date first term ends/ date second and final term ends subject to agreement of the committee and Council)

A2. Classics & Oriental Studies	Heikki Solin (2010/13) Klassillisen Filologian Laitos Helsingin Yliopisto PL4, (Yliopistonkatu 3) FIN-00014, Helsinki FINLAND heikki.solin@helsinki.fi	Margarethe Billerbeck I. Hijiya-Kirschneireit Tonio Hölscher Barbara Kellner- Harm Pinkster
Heinkele		
A3. Linguistic Studies	Wolfgang Dressler (2011/14) Austrian Academy of Sciences Dept. of Linguistics & Communication Research Kegelgasse 27 A-1030 Vienna wolfgang.dressler@univie.ac.at	Greville G. Corbett Ferenc Kiefer Helmut Schnelle Bernard Comrie Anna Siewierska Alain Peyraube
A4. Literary & Theatrical Studies	Svend Erik Larsen (2012/2015) Institute of Aesthetic Studies Dept. of Comparative Literature Aarhus University Langelandsgade 139 DK 8000 Aarhus C Denmark Tel +45 8942 1847 Fax +45 8942 1850 litsel@hum.au.dk weblink http://au.dk/litsel@hum	Timothy Matthews Erika Fischer-Lichte Monika Schmitz-Emans Mihály Szegegy-Maszák Theo D'Haen Ottmar Ette
A.5 Musicology & History of Art & Architecture	David Hiley (2010/13) Institute für Musikwissenschaft Universität Regensburg D-93040 Regensburg GERMANY david.hiley@psk.uni-regensburg.de	Laszlo Dobszay Rudolf Flotzinger Roger Stalley Ulrich Konrad Pierluigi Petrobelli Heinrich Schwab Henri Vanhulst Philippe Vendrix
A.6 Philosophy, Theology & Religious Studies	Simo Knuuttila (2012/15) University of Helsinki Dept. of Systematic Theology PO Box 33 – Aleksanterinkatu 7 Helsinki 14 Simo.knuuttila@helsinki.fi	Wolfgang Künne Christophe Marksches Onora O'Neill
A7. Behavioural Sciences	Johannes Siegrist (2010/13) Heinrich Heine University of Düsseldorf Dept. of Medical Sociology P B 101007 D-40001 Düsseldorf GERMANY siegrist@uni-duesseldorf.de	Andrew Steptoe Töres Theorell (Vice C) Terrie Moffit Michael Marmot
A8. Social Sciences	Anne Buttimer (2012/15) University College Dublin Dept. Geography Belfield Dublin 4. Ireland Anne.Buttimer@ucd.ie	Yola Verhasselt Anne-Marie Guillemard Justin Stagl Leif Lewin Sture Oberg Antoine Bailly
A9. Law	Joseph Straus (2012/15)	Dagmar Coester-Waltjen

Max-Planck Inst. for Intellectual Property
and Competition Law
Marshallplatz 1
Munich
D-80539
Germany
j.straus@ip.mpg.de

Ditlev Tamm
Eivind Smith
Attila Harmathy
William Cornish
Walter van Gerven

**A10. Economics, Business
and Management Sciences**

Peter Nijkamp (2012/15)
Faculty of Economics
Dept. of Spatial Economics
Free University
De Boelelaan 1105
Amsterdam 1081 HV
The Netherlands
Pnijkamp@feweb.vu.nl

B1. Mathematics

Gisbert Wüstholtz (2013/16)
Departement Mathematik
ETH-Zentrum
CH-8092 Zurich
Tel.: 0041/44/632 3413
Fax: 0041/44/632 1085
e-mail: wustholz@math.ethz.ch

Hans Föllmer
Nigel Hitchin
John Kingman

B2. Informatics

Hermann Maurer (2012/15)
IICM,
Graz University of Technology
Inffeldgasse 16c
Graz, A-8010
Austria
hmaurer@iicm.edu

Paul Spirakis
Krzysztof Apt
Christian Calude
Jozef Gruska
Erol Gelenbe
Reinhard Wilhelm

B3. Physics and Engineering Sciences

Lászlo Csernai (2013)
University of Bergen
Section for Theoretical & Computational Physics
Allégaten 55
N-5007 Bergen
NORWAY
csernai@ift.uib.no

Roger Cashmore
Jörg Aichelin
Horst Stöcker
Marie Farge (Vice chair)
Vladimir Fortov
Mushin Harakeh
Zenonas Rudzikas
Janos Ginsztler

B4. Chemical Sciences

Michel Ché (2010/13)
Lab. de Réactivité de Surface
UMR 7609, CNRS
4 Place Jussieu
75252 Paris
FRANCE
Michel.che@upmc.fr

Peter Day
Torbjörn Norin
Frigyes Solymosi
John Meurig Thomas
Herbert Roesky

B5. Earth and Cosmic Sciences

Donald Dingwell (2011/14)
University of Munich
Earth Sciences
Theresienstr. 41/111
80333, München
Germany
Dingwell@lmu.de

Enric Banda
André Berger
Paul Crutzen
Jean Dercourt
Camiel de Loore
Jean-Claude Duplessy
Kerstin Fredga
Sierd Cloetingh

<http://www.mineralogie.geowissenschaften.uni-muenchen.de/personen/head/dingwell/index.html>

C1. Biochemistry and Molecular Biology	Moshe Yaniv (2010/13) Institut Pasteur Dept. des Biotechnologies 25 rue du Docteur Roux 75724 Paris Cedex 15 FRANCE yaniv@pasteur.fr	Piet Borst Riccardo Cortese Michel Lazdunski Tomas Lindahl Margarita Salas Gottfried Schatz
C2. Cell Biology	Margaret Buckingham (2010/13) Institut Pasteur Dept. Biologie du Développement CNRS URA2578 25 rue du Dr Roux Paris Cedex 75724 margab@pasteur.fr	Michael Ashburner Francesco Blasi Meinrad Busslinger Carl-Henrik Heldin Ingrid Grummt
C3. Physiology and Medicine	Alexei Verkhatsky (2010/13) University of Manchester School of Biological Sciences 1.124 Stopford Building Oxford Road Manchester M13 9PT UNITED KINGDOM Alexej.verkhatsky@manchester.ac.uk	Raymond Ardaillou Eva Syková Marie Roncarolo Oleg Krishtal András Spät Bernd Nilius Leszek Kaczmarek Pierluigi Nicotera Bertil Fredholm
C4. Organismic and Evolutionary Biology	Yvon Le Maho (2012/15) Institut Pluridisciplinaire Hubert Curien Département Ecologie, Physiologie et Ethologie 23, rue Becquerel F-67087, Strasbourg, Cedex 2 France Yvon.Lemaho@iphc.cnrs.fr	Roy Anderson Gotthilf Hempel Carlos Herrera Lars Walloe

Annex 1b Members of the Nominations sub-committee at 31st March 2011

The committee is responsible for the independent scrutiny of candidates put forward for election to the Academy. The committee considers recommendations made by section committees and prepares a list of candidates for Council. Elections by the Council are held annually. Section chairs and the Nominations committee meet in plenary once a year, where they discuss all candidates' suitability. A final list is then put to the Council for approval. Newly elected candidates are personally invited to accept membership. Only after a candidate has accepted the offer of membership, are scholars then admitted to the convocation of the Academy.

Election is entirely based upon an individual scholars record and international standing judged according to the criteria set out in the nominations procedures. There are no geographical, political, gender or other quotas, nor is there a fixed number of possible members. Slightly different criteria are used to judge between categories of membership

Ole Petersen – Liverpool (Medicine & Physiology) – chair

Jürgen Mittelstrass - Konstanz (Philosophy)

Denis Weaire – Dublin (Physics) (retired at the AGM September 2010)

Barbara Wright – Dublin (Literary & Theatrical Studies)

Marie Lise-Chanin - Paris (Physics & Engineering)

John Bergsagel - Copenhagen (Musicology)

Alexandre Quintanilha – Porto (Biochemistry & Molecular Biology)

Observer: Sierd Cloetingh – Amsterdam (Earth & Cosmic Sciences)