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## **ERC Advanced Grant Panel 2014 Members of the ERC Peer Review Panels**

The list below includes the panel members in the ERC Advanced Grant 2014 peer review process, identified and invited by the ERC Scientific Council. There are in total 25 panels, divided between the 3 domains as follows: 9 panels in Life Sciences (LS), 10 panels in Physical Science and Engineering (PE), and 6 panels in Social Sciences and Humanities (SH).

Panel chairs appear at the top of each panel list, followed by panel members in alphabetical order.

### Note to applicants:

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## **PHYSICAL SCIENCE AND ENGINEERING (PE)**

### **Mathematics (PE1)**

Maria J. Esteban (Panel Chair)  
Nicolás Andruskiewitsch  
Viviane Baladi  
Franco Brezzi  
Martin Bridson  
Jun-Muk Hwang  
Enno Mammen  
David Nualart  
Tomaz Pisanski  
Tudor Ratiu  
Jan Philip Solovej  
Mario Szegedy

### **Fundamental constituents of matter (PE2)**

Olaf Scholten (Panel Chair)  
Dimitri Batani  
Lars Bergstrom  
Jean Dalibard  
Marek Kus  
Vincenzo Marinari  
Dieter Meschede  
Antonio Pich  
Eugene Polzik  
Gerhard Rempe  
Alice Valkarova  
Guy Wormser

### **Condensed matter physics (PE3)**

Manijeh Razeghi (Panel Chair)  
David Andelman  
Roberto Benzi  
Norman Birge  
Luis Brey Abalo  
Hjalmar Brismar  
Friedrich Busse  
Mikhail I. Katsnelson  
George Pickett  
Luciano Pietronero  
Maurice Skolnick

### **Physical and analytical chemical sciences (PE4)**

Thomas Rizzo (Panel Chair)  
Pulickel M Ajayan  
Ulrike Diebold  
Johan Hofkens  
Manfred Kappes  
Maki Kawai  
Ryszard Lobinski  
Vladimir Matolin  
Ron Naaman  
Jeppe Olsen  
Mariona Sodupe Roure  
Walter Thiel

### **Synthetic chemistry and materials (PE5)**

Jöns Hilborn (Panel Chair)  
Micha Asscher  
Pierre Braunstein  
Jeffrey Kelber  
Eugenia Kumacheva  
Benjamin List  
Johan Martens  
Jose-Luis Mascarenas  
Subodh Mhaisalkar  
Anna Maria Papini Rovero  
Giorgio Sberveglieri  
Ulrich Schubert  
Wataru Ueda  
Françoise M. Winnik

### **Computer science and informatics (PE6)**

Zdenek Strakos (Panel Chair)  
Samson Abramsky  
Ran Canetti  
Nicolo Cesa-Bianchi  
Luc De Raedt  
Rosario Gennaro  
Leonidas Guibas  
John Mylopoulos  
Laurence Nigay  
Stefan Schaal  
Alistair Sutcliffe  
Daphna Weinshall



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## **PHYSICAL SCIENCE AND ENGINEERING (PE)**

### **Systems and communication engineering (PE7)**

Thomas Sinkjaer (Panel Chair)  
Antonio Bicchi  
Chang Wen Chen  
Majid Ebrahim-Zadeh  
Wolfgang Emmerich  
Thomas Hempel  
Adrian Mihai Ionescu  
Antonius Koonen  
Kazuhiro Kosuge  
Paolo Mattavelli  
Julia Alison Noble  
Holger Schmidt

### **Earth system science (PE10)**

Ingeborg Levin (Panel Chair)  
Raymond Bradley  
Anny Cazenave  
Mary Edwards  
Eystein Jansen  
Alfred Kroener  
Michael Kuhn  
Jean Claude Mareschal  
Bernard Marty  
Judith McKenzie  
John Plane  
Marinus Johannes Richardus Wortel

### **Products and processes engineering (PE8)**

Bernhard Schrefler (Panel Chair)  
Carlos Bernardo  
Tadeusz Burczynski  
Erasmus Carrera  
Zhe Chen  
Guido De Roeck  
Alicia El Haj  
David Elata  
Constantine Galiotis  
Christopher Magee  
Miguel Menendez  
Erhan Piskin  
Wolfgang Rodi  
Yuying Yan

### **Universe sciences (PE9)**

Aleksander Wolszczan (Panel Chair)  
Jacqueline Bergeron  
Marco Bersanelli  
Dainis Dravins  
Andrew Fabian  
Thomas Henning  
Ferdinando Duccio Macchetto  
George Miley  
Mario Monteiro  
Tsvi Piran  
Linda Tacconi-Garman  
Kanaris Tsinganos  
Martin Ward



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## **LIFE SCIENCES (LS)**

### **Molecular and Structural Biology and Biochemistry (LS1)**

Daniela Rhodes (Bargellini) (Panel Chair)  
Miguel Beato del Rosal  
Carl Gahmberg  
Christian Griesinger  
Thanos Halazonetis  
Reinhard Luhrmann  
Simona Polo  
Nicholas J. Proudfoot  
Dimitris Thanos  
Richard Treisman  
Michelle Wang

### **Genetics, Genomics, Bioinformatics and Systems Biology (LS2)**

Charles Auffray (Panel Chair)  
Stylianos Antonarakis  
Andrea Ballabio  
Frederic Berger  
Jiri Forejt  
Nicholas Hastie  
Andres Metspalu  
Margaret Pericak-Vance  
Yitzhak Pilpel  
Isabel Sá-Correia  
Giulio Superti-Furga  
Alfonso Valencia  
Christine Van Broeckhoven  
Veronica van Heyningen

### **Cellular and Developmental Biology (LS3)**

Juergen Knoblich (Panel Chair)  
Stefan N. Constantinescu  
Anne Ephrussi  
Matthew Freeman  
Wilhelm Gruissem  
Maria Leptin  
Vivek Malhotra  
Stefana-Maria Petrescu  
Freddy Radtke  
Balazs Sarkadi  
Peter ten Dijke  
Jan Traas

### **Physiology, Pathophysiology and Endocrinology (LS4)**

Susan Bonner-Weir (Panel Chair)  
Julian Blow  
Michael Boutros  
Gerhard Heldmaier  
Nancy Elizabeth Hynes  
Marja Helena Jaattela  
Daniel Louvard  
Moshe Oren  
Jeremy David Pearson  
Karin Sipido  
Bengt Westermark

### **Neurosciences and neural disorders (LS5)**

Zoltan Nusser (Panel Chair)  
Marie-France Bader  
Claudia Bagni  
Turgay Dalkara  
Mathew Diamond  
Apostolos Georgopoulos  
Michael Hausser  
Uwe Heinemann  
Serge Laroche  
Stephen Lawrie  
Orly Reiner  
Antonella Riccio  
Werner Sieghart  
Kamil Ugurbil

### **Immunity and infection (LS6)**

Fiona Powrie (Panel Chair)  
(Maria) Gabriella Campadelli-Fiume  
Emmanuelle Charpentier  
Antonio Coutinho  
Christoph Dehio  
Andras Falus  
Sirpa Jalkanen  
Steffen Jung  
Klas Karre  
Albert Osterhaus  
Rita Tewari  
Arturo Zychlinsky



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**Diagnostic tools, therapies and public health (LS7)**

Paul Herijgers (Panel Chair)  
Kevin M. Brindle  
Betty Diamond  
Dermot Diamond  
Anders Ekblom  
Britta Engelhardt  
Birgit Ertl-Wagner  
Peter Frey  
Wolf Hervé Fridman  
Haralambos Gavras  
Manolis Kogevinas  
Elsebeth Lynge  
Lefkos Middleton  
Paola Muti  
Rino Rappuoli  
Robert Turner

**Evolutionary, population and environmental biology (LS8)**

Roger Butlin (Panel Chair)  
Robert Holt  
Bente Lomstein  
Sami Merilaita  
Isabelle Olivieri  
Gilles Pinay  
David Posada  
Outi Savolainen  
Ralf Sommer  
Eors Szathmary  
Barbara Taborsky  
Anna Maria Traveset  
Michael Wagner

**Applied life sciences and non-medical biotechnology (LS9)**

Daniel Tomé (Panel Chair)  
Inge Broer  
Daniele Daffonchio  
Hauke Harms  
Hannu Korhonen  
Egbertus J. J. Lugtenberg  
Irene Mueller-Harvey  
Ferenc Nagy  
Juan Luis Ramos  
Charles Spillane  
Jan Roelof Van den Meer  
Willy Verstraete

**SOCIAL SCIENCES AND HUMANITIES (SH)**

**Markets, individuals, and institutions (SH1)**

Orazio Attanasio (Panel Chair)  
James N. Baron  
Mike Burkart  
Isabel (Maria) Correia (Horta Carvalho)  
Miguel A. Delgado  
Bronwyn Hall  
Dietmar Harhoff  
Georg Kirchsteiger  
Per Krusell  
Jone Pearce  
Drazen Prelec  
Ailsa Roell  
Jacques Thisse

**The social world, diversity and institutions and values (SH2)**

Renaud Dehousse (Panel Chair)  
Thora Margareta Bertilsson  
Monique Dagnaud  
Jeanette Edwards  
Marie Claire Foblets  
Venni Venkata Krishna  
Stein Kuhnle  
Elena Larrauri  
Annemarie Mol  
Ann Shola Orloff  
B. Guy Peters  
Ruth Rubio Marin  
Peter K Smith  
Hans Christian Ulrich Tomuschat  
Chia-Ling Wu

**Environment, space and population (SH3)**

David Banister (Panel Chair)  
Tuzin Baycan  
Carlo Carraro  
Gabriele Doblhammer-Reiter  
Shelby Gerking  
T.R. Lakshmanan  
Paul Longley  
Anette Reenberg  
Allen Scott  
Daniel Shefer  
Elizabeth Thomson  
Denny Vagero  
Benno Werlen



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**The Human Mind and its complexity (SH4)**

Milena Žic Fuchs (Panel Chair)  
Andre Aleman  
Kathinka Evers  
Ram Frost  
Sami Gulgoz  
Vincent Hendricks  
Chu-Ren Huang  
Harriet Jisa  
Michele Kail  
Jutta Kray  
Claus Lamm  
Bernard Mazoyer  
Ken Paller  
Maria del Carmen Picallo Soler  
Chris Plack  
Klaus Rothermund

**The study of the human past (SH6)**

Martin Kenneth Jones (Panel Chair)  
Bernadette Bensaude-Vincent  
Andrzej Buko  
Anna Cohen  
Jeroen Duindam  
Pieter Emmer  
Marie Therese Flanagan  
Francois Hartog  
Yitzhak Hen  
Elio Lo Cascio  
Anthony Molho  
Janet Monge  
Jerrold Seigel  
Peer Vries  
Dorothee Wierling

**Cultures and cultural production (SH5)**

Alessandro Schiesaro (Panel Chair)  
Esteban Buch  
Irene De Jong  
Angela Esterhammer  
Charles Hope  
Jan Kaila  
Thomas DaCosta Kaufmann  
Jerome McGann  
Gabriel Motzkin  
Karin van Nieuwkerk  
Melanie Wald-Fuhrmann  
Andrew Williams  
Linda Woodhead