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

### **Mathematics (PE1)**

**Jonathan Keating** (Panel Chair)

Andrei Agrachev  
Annalisa Buffa  
Albert Cohen  
Maria De Iorio  
Irène Gijbels  
Bernard Helffer  
Daniel Huybrechts  
Ryszard Nest  
Peter Schneider  
Marcelo Viana  
Emo Welzl  
Boris Zilber

### **Fundamental Constituents of Matter (PE2)**

**Keith Ellis** (Panel Chair)

Marie-Emmanuelle Couprie  
Klaus Desch  
Caterina Doglioni  
Artur Ekert  
Tilman Esslinger  
Raffaele Flaminio  
Chiara Macchiavello  
Morgan Mitchell  
Gerda Neyens  
Nadia Pastrone  
Massimo Porrati  
Valery Rubakov  
Gennady Shvets

### **Condensed Matter Physics (PE3)**

**Marileen Dogterom** (Panel Chair)

Christian Back  
Hélène Bouchiat  
Richard Jones  
Thomas Klar  
Daniel Loss  
Eva Monroy  
Peter Oppeneer  
Francesco Pavone  
Jukka Pekola  
Roberto Piazza  
Warren Pickett

### **Physical and Analytical Chemical Sciences (PE4)**

**Deborah Leckband** (Panel Chair)

Florence Babonneau  
Nigel Browning  
Giulio Cerullo  
David Clary  
Attila Császár  
Maria de Fátima da Costa Montemor  
Paolo Fornasiero  
Peter Gill  
Mihaly Kallay  
Susan Lunte  
Reinhard Niessner  
Ruth Signorell  
Sara Snogerup Linse



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

### **Synthetic Chemistry and Materials (PE5)**

**Antonio M. Echavarren** (Panel Chair)

Uri Banin  
Luisa Bausa  
Jiří Čejka  
Louis Fensterbank  
Elżbieta Frąckowiak  
Tomislav Friščić  
Akhilesh Gaharwar  
Katja Loos  
Anita Maguire  
Angela Marinetti  
Kell Mortensen  
Amelia Rauter  
Angela Wilson  
Jackie Yi-Ru Ying

### **Computer Science and Informatics (PE6)**

**Horst Bischof** (Panel Chair)

Hagit Attiya  
Antonia Bertolino  
Ivan Damgard  
Carlo Ghezzi  
Janusz Kacprzyk  
Antonín Kučera  
Bashar Nuseibeh  
Tomas Pajdl  
Frank Piessens  
Peter Robinson  
Daniel Rückert  
Andrei Sabelfeld  
Frank van Harmelen  
Maarten van Steen  
Jose M. G. Vilar  
Gerhard Weikum

### **Systems and Communication Engineering (PE7)**

**Laura Lechuga** (Panel Chair)

Mete Atature  
Juergen Brugger  
Martin Buss  
Bernard Dieny  
Ari T. Friberg  
Min Gu  
Kazuhiro Kosuge  
Elena Lomonova  
Gernot Mueller-Putz  
Anders Rantzer  
Jan Sijbers  
Guy Vandenbosch  
Dan-Xia Xu  
Aylin Yener  
Michele Zorzi

### **Products and Processes Engineering (PE8)**

**Christian Sattler** (Panel Chair)

Erhan Budak  
Ingemar Denbratt  
Enrico Drioli  
Laurent Gicquel  
Gerhard Holzapfel  
Andreas Kappos  
Angeliki Lemonidou  
Sandro Macchietto  
Mercedes Maroto-Valer  
Pier Marzocca  
László Monostori  
Giancarlo Pennati  
Celso Pupo Pesce  
Stefanie Reese  
Maarten Steinbuch  
Wai Yee Yeong



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

### **Universe Sciences (PE9)**

#### **Chryssa Kouveliotou** (Panel Chair)

Robert Bingham  
Tomasz Bulik  
Paola Caselli  
Jan Palous  
Etienne Pointecouteau  
Huub Rottgering  
Ewa Szuszkiewicz  
Licia Verde  
Wouter Vlemmings  
Oskar Von Der Lühe  
Benjamin Wandelt  
John Zarnecki

### **Earth System Science (PE10)**

#### **Jeannot Trampert** (Panel Chair)

Chris Ballentine  
Marc Benedetti  
Ken Carslaw  
Hai Cheng  
Claudio Chiarabba  
Sherilyn Fritz  
Rong Fu  
Martin Funk  
Heiner Igel  
Michael Manga  
Nikos Mihalopoulos  
Laurie Reisberg  
Monika Rhein  
Jan Seibert

### **Materials Engineering (PE11)**

#### **Dorte Juul Jensen** (Panel Chair)

Serge Bourbigot  
Monica Ferraris  
Emmanuel Flahaut  
Maria Kafesaki  
Daniel Kelly  
Mónica Lira-Cantú  
Wolfgang Parak  
Doros Theodorou  
Ion Tighineanu  
Suna Timur  
Carsten Werner  
Philip Withers  
Gijsbertus de With



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## **LIFE SCIENCES (LS)**

### **Molecules of Life: Biological Mechanisms, Structures and Functions (LS1)**

#### **Kristina Djinović-Carugo** (Panel Chair)

Bruno Antony  
Vincenzo Costanzo  
Benjamin Davis  
John Diffley  
Arnold Driessen  
Deborah Fass  
Rudolf Glockshuber  
Karl-Peter Hopfner  
Magda Konarska  
Michael Sattler  
Roberto Sitia

### **Integrative Biology: From Genes and Genomes to Systems (LS2)**

#### **Alea Mills** (Panel Chair)

Brenda Andrews  
Stephen Bentley  
Manel Esteller  
Olivier Feron  
Anne-Claude Gingras  
Thomas Jenuwein  
Nicholas Katsanis  
Martin Lascoux  
Joakim Lundeberg  
Yves Moreau  
Gideon Rechavi  
Krina Zondervan

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

#### **Malcolm Bennett** (Panel Chair)

Philippe Bastiaens  
Francesco Cecconi  
Ana Cumano  
Anja Geitmann  
Carl-Philipp Heisenberg  
Susanne Lens  
Pura Muñoz-Canoves  
Miguel Angel Peñalva  
Norbert Perrimon  
Irene Söderhäll  
Nicolas Tapon  
Alpha Yap

### **Physiology in Health, Disease and Ageing (LS4)**

#### **Karen E Knudsen** (Panel Chair)

Lawrence Boise  
Rolf Brekken  
Francesca Demichelis  
Béatrice Desvergne  
Ingrid Fleming  
Jennifer Gamble  
Thomas Lutz  
Seamus Martin  
Ruth McPherson  
Gerard Pasterkamp  
Linda Penn  
Rosario Rizzuto  
Patrick Schrauwen



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## **Neuroscience and Disorders of the Nervous System (LS5)**

### **Eero Castren** (Panel Chair)

Djoher Nora Arous  
Tobias Bonhoeffer  
Verity Joy Brown  
George Panagiotis Chrousos  
Fiona Francis  
Barbara Franke  
Thomas Graven-Nielsen  
Hans Lassmann  
Juan Lerma  
Josef Priller  
Alessandro Serretti  
Stephen Strittmatter  
Kamil Ugurbil  
Martijn van den Heuvel

## **Prevention, Diagnosis and Treatment of Human Diseases (LS7)**

### **Caroline Sabin** (Panel Chair)

Maria Jose Alonso  
Josep Maria Anto  
Ergin Atalar  
Gemma Casadesus  
Pierre Coulie  
Stefaan De Smedt  
Hélène Dollfus  
Alexander Drzezga  
Alison Holmes  
Martino Introna  
Wouter Jukema  
Carlo la Vecchia  
Johan Lundin  
Ernst Rummeny  
Heinz-Peter Schlemmer  
Raquel Seruca  
Yosi Shacham-Diamand  
Gerjo van Osch

## **Immunity, Infection and Immunotherapy (LS6)**

### **Claude-Agnès Reynaud** (Panel Chair)

Marta Alarcon-Riquelme  
Antonio Bertoletti  
Christian Doerig  
László Nagy  
Staffan Normark  
Andreas Radbruch  
Paola Ricciardi-Castagnoli  
Pedro Romero  
Marika Sarfati  
Jos van Putten  
Nicole Zitzmann

## **Environmental Biology, Ecology and Evolution (LS8)**

### **Michel Milinkovitch** (Panel Chair)

Susanne Åkesson  
Richard Bardgett  
Spencer C.H. Barrett  
Hervé Bocherens  
Sebastian Bonhoeffer  
Vincent Daubin  
Stefan Dullinger  
Jane Hill  
Elisabetta Palagi  
Ester Serrao  
Nils Christian Stenseth  
Ralph Tiedemann  
Wim Vyverman



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**Biotechnology and Biosystems  
Engineering (LS9)**

**Lone Gram** (Panel Chair)

Paola Bonfante  
Dirk-Jan De Koning  
Miroslav Fojta  
Máireád E. Kiely  
Werner Ernst Müller  
Nathan Nelson  
Gorka Orive  
Catherine Picart  
Nagendra P. Shah  
Verena Siewers  
Eva Stoger  
Marco Ventura  
John Vontas



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## **SOCIAL SCIENCES AND HUMANITIES (SH)**

### **Individuals, Markets and Organisations (SH1)**

#### **Hélène Rey** (Panel Chair)

Tiago Cavalcanti  
Claude Diebolt  
Zvi Eckstein  
April Franco  
Reyer Gerlagh  
Uri Gneezy  
Francis Kramarz  
Patrick Legros  
Eva Maria Mörk  
Oded Stark  
Christopher Taber  
Peggy Valcke  
Juuso Välimäki  
Jaap Wieringa

### **Institutions, Governance and Legal Systems (SH2)**

#### **Stephan Parmentier** (Panel Chair)

Marie-Claire Belleau  
Paulus Albertus Blokker  
Beatrice Bonafè  
Carlos Juan Closa Montero  
Tina Freyburg  
Rachel Gibson  
Christoffer Green-Pedersen  
Oskar Josef Gstrein  
Gabriella Ilonszki  
András Jakab  
Regina Kreide  
Johannes Pollak  
René Repasi  
Srirupa Roy

### **The Social World and its Diversity (SH3)**

#### **Martina Merz** (Panel Chair)

Hanna Ayalon  
Wim Beyers  
Paul Wenzel Geissler  
Rachael E. Jack  
Catarina Kinnvall  
Karl Ulrich Mayer  
Shabnam Mousavi  
Erik Olsson  
Karen Phalet  
Sascha Schroeder  
Michael W. Scott  
Tereza Stöckelová  
Patti Valkenburg  
Federico Varese  
Barbie Zelizer

### **The Human Mind and Its Complexity (SH4)**

#### **Elena Leonidovna Grigorenko** (Panel Chair)

Teresa Bajo  
Ilaria Bufalari  
Herman Wright Cappelen  
Roi Cohen Kadosh  
Stefan Th. Gries  
Ewa Gruszczyńska  
Stephan Procházka  
Karin Roelofs  
Maribel Romero  
Keith Stenning  
Maya Tamir  
Jan Theeuwes  
Markus Ullsperger  
Giorgio Vallortigara  
Andrzej Wisniewski





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## **SOCIAL SCIENCES AND HUMANITIES (SH)**

### **Cultures and Cultural Production (SH5)**

**Anna Chahoud** (Panel Chair)

Christopher Balme  
Susan Brown  
Jeroen de Kloet  
Franz Fischer  
Kathleen James-Chakraborty  
Junji Koizumi  
Thomas Y Levin  
Francois Madurell  
Véronique Montémont  
Agata S. Nalborczyk  
Dan Eugen Rațiu  
Helen Steward  
Katherine Swancutt  
Elaine Treharne  
Martin van Hees

### **The Study of the Human Past (SH6)**

**Helena Hamerow** (Panel Chair)

Aziz Al-Azmeh  
Jaime Alvar Ezquerro  
Marco Armiero  
Charlotte Damm  
Hilde De Weerd  
Carole Fink  
Nena Galanidou  
Christian Greco  
Dariusz Kołodziejczyk  
Mary Laven  
Cheryl Makarewicz  
Bogdan Murgescu  
Kiran Klaus Patel  
Valentine Roux  
Ruth Tringham  
Cecile Vidal

### **Human Mobility, Environment, and Space (SH7)**

**Harriet Bulkeley** (Panel Chair)

Thomas Baudin  
Francesco Billari  
Kristie Ebi  
Maria Fernández-Giménez  
Marzio Domenico Galeotti  
Elli Heikkilä  
Tobias Kuemmerle  
Becky P.Y. Loo  
Isaac Luginaah  
Valentina Mazzucato  
Sebastian Oberthür  
Maarten van Ham  
Eric D. Widmer  
Michael Woods