



28TH ACADEMIA EUROPAEA ANNUAL CONFERENCE 2016

DATE: 27th - 30th June 2016

VENUE: Hadyn Ellis Building, Cardiff University, Maindy Road, Cathays,
Cardiff CF24 4HQ, UK

MONDAY 27TH JUNE

13.00 **REGISTRATION** (Exhibition Area, Ground Floor)

13.00-14.00 **SANDWICH LUNCH**

14.00 **OPENING SESSION** (Lecture Theatre, Room 0.07, Ground Floor)

Welcome: *Ole Petersen* [Academic Director, *Academia Europaea Cardiff Knowledge Hub* and Vice-President of *Academia Europaea*]

Debate on Scientific Advice Mechanisms (Sponsored by the *Learned Society of Wales*)

Chair: *Sir Emyr Jones Parry* [President of the *Learned Society of Wales* and Former UK Ambassador to the *United Nations*, New York]

Members of the Panel: *Patrick Child* [Deputy Director-General of DG-Research and Innovation, *European Commission*]; *Sierd Cloetingh* [President of *Academia Europaea*]; *Reinhard Hüttl* [President of *Euro-CASE* and *acatech*]; *Johannes Klumpers* [Head of SAM Unit, *DG-Research and Innovation, European Commission*]; *Colin Riordan* [President and Vice-Chancellor of *Cardiff University*]; *Sir John Skehel* [Biological Secretary and Vice-President of the *Royal Society*]; *Günter Stock* [President of *ALLEA*]; *Sir Mark Walport* [UK Government Chief Scientific Adviser and Chair of the *Prime Minister's Council for Science & Technology*]; *Julie Williams* [Chief Scientific Adviser to the *Welsh Government*]

16.00-16.30 **TEA BREAK** (Exhibition Area, Ground Floor)

16.30-17.10 LAUNCH OF ACADEMIA EUROPAEA CARDIFF KNOWLEDGE HUB
(Lecture Theatre, Room 0.07, Ground Floor)

Chair: *Hywel Thomas* [Pro Vice-Chancellor, Research, Innovation and Engagement, *Cardiff University*]

Speakers: *Sierd Cloetingh, Colin Riordan* and *Ole Petersen*

17.15-18.30 ERASMUS MEDAL AND LECTURE (Lecture Theatre, Room 0.07, Ground Floor)

17.15-17.20 Introduction – *Sierd Cloetingh*

17.20-17.25 Laudatio - *Gerard Gilmore* [*Institute of Astronomy, University of Cambridge*]

17.25-17.30 Presentation of Erasmus Medal to Lord Rees - *Sierd Cloetingh*

17.30-18.30 Erasmus Lecture: *Lord Rees of Ludlow* [Astronomer Royal]:
From Mars to the multiverse

18.30 RECEPTION AND BUFFET (Exhibition Area, Ground Floor)

TUESDAY 28TH JUNE

08.30-09.00 COFFEE AVAILABLE (Exhibition Area, Ground Floor)

09.00-09.30 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: *Sir John Skehel* [Biological Secretary and Vice-President of the *Royal Society*]

Paul Morgan [*Cardiff University*]: The complement system: an ancient immune defence becomes a therapeutic target

09.30-10.00 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: *Stephen Holgate* [*University of Southampton*]

Kelvin J A Davies [*University of Southern California*]: The oxygen paradox, adaptive homeostasis, and ageing

10.00-10.15 COFFEE AVAILABLE (Exhibition Area, Ground Floor)

10.15-12.00 MINI-SYMPOSIUM ON ‘BRAIN PROJECTS: THE FRONTIERS OF NEUROSCIENCE’ (Lecture Theatre, Room 0.07, Ground Floor)

Chair: Balazs Gulyas [*Karolinska Institute, Stockholm & Imperial College London*]

Speakers:

10.15-10.50 Paul M. Matthews [*Imperial College London*]: Large-scale population imaging for understanding individual variations

10.50–11.25 Mara Dierssen [*Centre for Genomic Regulation, Barcelona*]: REMBRANDT: remodelling the brain in intellectual disability

11.25–12.00 H. Henrik Ehrsson [*Karolinska Institute, Stockholm*]: Cognitive neuroscience of body self-perception

12.00-14.00 RECEPTION, LUNCH AND WELCOME TO NEWLY-ELECTED MAEs (Exhibition Area, Ground Floor)

14.00-16.00 MINI-SYMPOSIUM ON ‘REPRODUCIBILITY OF PUBLISHED RESEARCH’ (in partnership with the *Academy of Medical Sciences*). (Lecture Theatre, Room 0.07, Ground Floor)

Chair: Dorothy Bishop [*University of Oxford*]

14.00-14.20 Introductory remarks

Speakers:

14.20-14.30 Johannes Klumpers [Head of SAM Unit, *DG-Research and Innovation, European Commission*]: Perspective from the European Commission

14.30-14.50 Nicole Grobert [*University of Oxford*; President of YAE]: The reproducibility of nanomaterials and associated challenges that hamper their industrial exploitation

14.50-15.10 Jim Smith [*Francis Crick Institute, London*]: Reproducibility and open science

15.10-16.00 Open discussion, led by the panel: Reproducibility in European science

16.00-16.15 TEA BREAK (Exhibition Area, Ground Floor)

16.15-16.45 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: *Donald Dingwell* [Vice-President, *Academia Europaea*]

Gregory A Houseman [*University of Leeds*]: A tale of two cities - anticipating earthquakes

16.45-17.15 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: *Antoine Bailly* [*University of Geneva*]

Frank W Geels [*University of Manchester*]: System innovation and sustainability transitions: a socio-technical perspective

19.15 GALA DINNER – City Hall, Cardiff CF10 4UW

GUEST TALK: THE PLACE OF WALES IN EUROPE

Wynn Thomas [Vice-President Arts/Humanities, *Learned Society of Wales*] introduces ***Ned Thomas*** [Founding Director of the *Mercator Institute, Aberystwyth University* and noted author of *Bydoedd* ('Worlds')]

WEDNESDAY 29TH JUNE

08.30-09.00 COFFEE AVAILABLE (Exhibition Area, Ground Floor)

09.00-09.30 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: *Dagmar Coester-Waltjen* [*University of Göttingen*]

Burkhard Hess [*Max-Planck Institute for Procedural Law, Luxembourg*]: The concept of open court and social media

09.30-10.00 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: *Svend-Erik Larsen* [*Aarhus University*]

Johanna Laakso [*University of Vienna*]: Windows to the past: what can historical linguistics tell us about the history of our language environment?

10.00-10.15 COFFEE AVAILABLE (Exhibition Area, Ground Floor)

10.15-12.30 MINI-SYMPOSIUM ON 'MIGRATION AND IDENTITY' (in partnership with ALLEA) (Lecture Theatre, Room 0.07, Ground Floor)

Chair: Anne Buttimer [University College, Dublin; Vice-President of Academia Europaea]

Speakers:

Antoine Bailly [University of Geneva]

Dagmar Coester-Waltjen [University of Göttingen]

Ayhan Kaya [Istanbul Bilgi University]

Peter Scott [Institute of Education, University College London]

Klaus Zimmermann [United Nations University, Maastricht]

12.30-14.30 RECEPTION, LUNCH AND PRESENTATION OF BURGEN SCHOLARS (Exhibition Area, Ground Floor)

Short presentations by the 2016 Burgen Scholars:

Pawel Ferdek [Cardiff University], **Oleksyi Gryshchenko** [Cardiff University & Bogomoletz Institute, Kiev], **Ceri Hammond** [Cardiff University], **Monika Jakubowska** [Cardiff University], **Rhianedd Mair Jewell** [Aberystwyth University], **Isabel Martinez Garay** [Cardiff University], **Tomos Owen** [Bangor University], **Shuang Peng** [Cardiff University & Jinan University, Guangzhou], **Tomos Proffitt** [University of Oxford], **Emiliano Spezi** [Cardiff University]

14.30-15.00 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: Yves Barde [Cardiff University]

Thomas Bourgeron [Pasteur Institute, Paris]: Exploring genetic and synaptic diversity of autisms

15.00-15.30 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: Jan Bergstra [University of Amsterdam]

Michael Wooldridge [University of Oxford]: Professor Turing, let me introduce Professor Nash

15.30-16.00 KEYNOTE LECTURE BY NEWLY-ELECTED MAE (Lecture Theatre, Room 0.07, Ground Floor)

Chair: Anne Buttimer [*University College, Dublin*; Vice-President of *Academia Europaea*]

Sophie Body-Gendrot [*University of Paris, Sorbonne*]: Public disorder and globalization

16.00–16.30 CONCLUSION AND TEA

THURSDAY 30TH JUNE

COASTAL TRIP IN THE VALE OF GLAMORGAN TO INCLUDE LUNCH IN THE THATCHED BLUE ANCHOR INN AT ABERTHAW

The coach will be leaving from the front of the National Museum Cardiff, at 08.30 hours prompt. This is due to the trip being tide dependent.

As participants will be walking on a rocky shore which could be slippery, stout footwear will be needed. It is also recommended that you bring a showerproof coat with you in case of inclement weather.

We are very grateful to the following sponsors for their support:



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