



European
Commission



EU Programme

ESOF 2016

24 - 27 July 2016

*Research and
Innovation*

SUNDAY, 24 JULY 2016

09:15 AM
10:30 AM **Europe: Opportunities for the world's best researchers ●**

Paul Harris (EAC), Claire McNulty, Martin Penny (ERCEA)

Room: Charter 3

09:30 AM
10:30 AM **Translating responsible research and innovation policies into practice**

Philippe Galiay (RTD), Kathrin Bimesdörfer, Phil Macnaghten, Sebastian Pfothenhauer

Room: Exchange Auditorium

10:55 AM
12:10 PM **Three currencies of research: excellence, profit and... responsibility, RRI satellite event**

Philippe Galiay (RTD), Harald Katzmair, Andre Martinuzzi, Bernd Carsten Stahl

Room: Charter 4

12:15 AM
01:30 PM **RESAVER: a pan-European pension fund for researchers ■**

Anette Björnsson (RTD), Ileana Gimmillaro, Paul Jankowitsch

Room: Charter 1

MONDAY, 25 JULY 2016

08:30 AM
09:45 AM **Can STI help eradicate poverty and secure sustainable development?**

Sir Peter Gluckman, Heide Hackmann, **Robert-Jan Smits** (RTD), Naledi Pandor, Imraan Patel

Room: Charter 1

<p>10:00 AM 11:15 AM</p>	<p>Europe's voyage towards an open global research area</p> <p>Carlos Moedas - European Commissioner for Research, Science and Innovation</p> <p><i>Room: Exchange Hall</i></p>
<p>11:25 AM 12:40 PM</p>	<p>Future periscope: Europe in 2030 and beyond</p> <p>Stephanie Daimer, Nikolaos Kastrinos (RTD), Richard Hudson, Jerome Glenn, Nicholas Davis, Gernot Spiegelberg</p> <p><i>Room: Chapter 4</i></p>
<p>12.50 PM 02.05 PM</p>	<p>Smart cities growing smart businesses ●</p> <p>Alexandra Deschamps-Sonsino, Stephanie Glendinning, Stefano Liotta, Giuseppe Prettico (JRC), Vinay Venkatraman</p> <p>Moderator Darren McGarry (JRC)</p> <p><i>Room: Exchange 10</i></p>
<p>12.50 PM 02.05 PM</p>	<p>Flying cars and quantum computers: when disruptive technologies meet regulation ●</p> <p>James Baker, Mairead McGuinness (Vice-President of the EP), Nikolay Mehandjiev, Paul Rübzig (Member of the EP), Vladimir Sucha (JRC)</p> <p><i>Room: Charter 2</i></p>

NON EU SESSIONS WITH EU SPEAKERS
EU SESSIONS

<p>12:50 PM 03:20 PM</p>	<p>Women in science: how to reboot the system? ●</p> <p>Conny Aerts, Jean-Pierre Bourguignon (ERC), Daniel Conley, Dame Athene Donald (ERC), Virginie Orgogozo</p> <p>Moderator Claudia Jesus-Rydin (ERCEA)</p> <p><i>Room: Exchange Hall</i></p>
<p>02:15 PM 03:30 PM</p>	<p>Personalised medicine: hope or hype? ●</p> <p>Mark Kroese, Daniela Thorwarth, Gael Yvert</p> <p><i>Room: Exchange 6-7</i></p>
<p>03:45 PM 05:00 PM</p>	<p>Industrial innovation: managing the ecosystem</p> <p>Peter Droell (RTD), Lisa Dale-Clough, Bernd Korves, Erkki Ormala</p> <p><i>Room: Chapter 3</i></p>
<p>03:45 PM 05:00 PM</p>	<p>Informal science education: opportunities for all?</p> <p>Karen Slavin (RTD), John Dudley, Mohamed El-Gomati, Sally MacDonald, Juergen Maier, Ahmed Salim, Julie Ward</p> <p><i>Room: Exchange 9</i></p>
<p>03.45 PM 05.00 PM</p>	<p>Deep Earth dynamics: what is happening beneath our feet? ●</p> <p>Sierd Cloetingh, Patrick Cordier, Yan Lavallée, Fabrizio Nestola, Eleonora Rivalta</p> <p><i>Room: Charter 2</i></p>

<p>03:45 PM 06:15 PM</p>	<p>Big projects – going beyond the realm of science</p> <p>Philip Diamond, Dame Anne Glover, Pallab Ghosh, Naledi Pandor, Brian Schmidt, Robert-Jan Smits (RTD)</p> <p><i>Room: Exchange Auditorium</i></p>
<p>03:45 PM 05:00 PM</p>	<p>Future and emerging technologies ★</p> <p>Jonathan Coleman, Veronica Grieneise, Paul Lukowicz, Giulio Ruffini, James Sharpe, Walter Van De Velde (DG CNECT)</p> <p><i>Room: Exchange 10</i></p>
<p>05:10 PM 06:25 PM</p>	<p>Future technologies: get ready for tomorrow ★</p> <p>Tommaso Calarco, Maria Chiara Carrozza, Aymard de Touzalin (CNECT), Jerzy Langer, Chen Sagiv, Clivia Sotomayor Torres</p> <p><i>Room: Exchange 10</i></p>
<p>05:10 PM 06:25 PM</p>	<p>Collaborative approaches to science and technology: lessons from the humanities?</p> <p>Ângela Guimarães Pereira (JRC), Fern Elsdon-Baker, Maja Horst, James Summer, Tom Wakeford</p> <p><i>Room: Exchange 9</i></p>
<p>05:10 PM 06:25 PM</p>	<p>Will open science change the way it's published?</p> <p>Ian Mulvany, Jean-Claude Burgelman (RTD), Michiel Kolman, Elizabeth Marincola, Bonnie Wolff-Boenisch, Phill Jones</p> <p><i>Room: Chapter 2</i></p>

TUESDAY, 26 JULY 2016

08:30 AM
09:45 AM **FOOD 2030 debate:
the sustainability and value of global
and local food systems ■**

John Bell (RTD), Gianluca Brunori, Doris Schroeder, Lynn Frewer, András Sebők, Geoff Tansey, Lode Vanoost

Room: Chapter 4

08:30 AM
09:45 AM **Bringing nature back to cities
– what's in it for business? ●**

Anna Strzelecka, Richard Elelman, **Bernd Gawlik** (JRC), Michael Hardman, Peter Horsburgh, Ian Roderick, Maciej Zalewski

Moderator David Wilkinson (JRC)

Room: Charter 1

08:30 AM
09:45 AM **Me and my microbes: health, disease
and the human microbiome ●**

Peer Bork, Eran Elinav, Sabina Illi

Room: Exchange Hall

10:00 AM
11:15 AM **Regression to the pre-antibiotic era:
time to panic? ●**

William Durham, Susanne Häussler, Roy Kishony

Moderator Eleni Zika (ERCEA)

Room: Charter 2

10:00 AM
11:15 AM **No soil, no life ●**

Richard Bardgett, Maria J.I. Briones, Gerlinde de Deyn, **Arwyn Jones** (JRC), **Alberto Orgiazzi** (JRC)

Room: Exchange 9

10:00 AM
11:15 AM

Can we simulate the human brain? ●

Axel Cleeremans, Gustavo Deco,
Simon Thorpe, Marco Zorzi

Moderator Pilar Lacruz (ERCEA)

Room: Exchange 10

10:00 AM
11:15 AM

Scientific advice for EU policies ■

Sierd Cloetingh, Sir Mark Walport,
Allan Watt, **Henrik Wegener** (Chair, High
Level Group of Scientific Advisors of the EC
Scientific Advice Mechanism)

Moderator Robert-Jan Smits (RTD)

Room: Exchange Auditorium

10:00 AM
12:30 PM

Should we trust the eDoctor?

Rene von Schomberg (RTD), Pallava Bagla,
Hanns J. Neubert, Viola Egikova, Wolfgang
Goede, Carl Johan Sundberg, Kay Sundberg

Room: Exchange Auditorium

11:25 AM
12:40 PM

Foresight as a tool for responsible policy development ●

Nikolaos Kastrinos (RTD),
Mairead McGuinness (Vice-President
of the EP), **Fabiana Scapolo** (JRC),
Lieve Van Woensel (EP), Matthias Weber

Room: Charter 4

12:50 PM
02:05 PM

Biosensors for healthy oceans ■

Marinella Farre, Douglas Connelly,
Laura Micheli, Ian Johnston,
Jan Roelof van der Meer

Moderator Sigi Gruber (RTD)

Room: Exchange 10

TUESDAY, 26 JULY 2016

12:50 PM
02:05 PM

What drives interdisciplinary excellence?

Thomas Bjørnholm, **Jean-Pierre Bourguignon** (ERC), Suzanne Fortier, Luke Georghiou, Wilhelm Krull

Room: Charter 1

12:50 PM
02:05 PM

Abandoning the usual disciplinary structures in science

Philippe Galiay (RTD), Jean-Pierre Alix, Isabella Susa, Fabienne Cazalis, Sarah de Rijcke, Anne Cambon-Thomsen, Anne-Sophie Godfroy

Room: Exchange Hall

02:15 PM
03:30 PM

The bioeconomy: fuelling a greener future

John Bell (RTD), Paul Burrows, Deborah Smith

Room: Charter 1

02:15 PM
03:30 PM

International climate negotiations - science behind the scenes ●

Nicklas Forsell, **Greet Janssens-Maenhout** (JRC), **Bert Saveyn** (JRC), Thomas Spencer, Heleen van Soest

Room: Charter 2

02:15 PM
03:30 PM

Will 2D materials change the world? ●

Kirill Bolotin, Michael De Volder, Xiangqian Jane Jiang, Tomas Jungwirth, Wolfgang Templ

Room: Exchange 11

03:45 PM
05:00 PM

Cool heads in crises: sound scientific advice in emergencies

Ulla Engelmann (JRC), Sir Peter Gluckman, Tateo Arimoto, Virginia Murray, Christiane Diehl

Room: Charter 2

05:10 PM
06:25 PM

Arts and sciences: the crossroads of creativity ▲

Cinzia Casiraghi, **Ralph Dum** (CNECT), Jacqueline Heerema, **Eva Kaili** (Member of the EP), Sara Lowes, BrighterSound, **Julie Ward** (Member of the EP)

Moderator Theodoros Karapiperis (EP)

Room: Exchange 9

WEDNESDAY, 27 JULY 2016

08:30 AM
09:45 AM

Biomaterials for healthy hearts ■

Garry Duffy, Stefan Jockenhövel, Matteo Santin, Dror Seliktar

Room: Exchange 9

10:00 AM
11:15 AM

The future of science and innovation policy – towards radical change

Robert-Jan Smits (RTD), Jakob Edler, Stefan Kuhlmann, Youngah Park, Maria Villaveces

Room: Exchange Auditorium

12:50 PM
02:05 PM

Tattoos – not just body art? ●

Maria Pilar Aguar Fernandez (JRC), Jens Bergström, Anke Meisner, Robert Pinchen, Jørgen Vedelskov Serup, Franz Zeller

Room: Charter 1

03:45 PM
05:00 PM

Prevention is cheaper than cure ●

Harry de Koning, Olle Melander,
Estefanía Toledo

Moderator Maria Siomos (ERCEA)

Room: Exchange 11

03:45 PM
05:00 PM

**Cleaning our seas and oceans through
enhanced ocean literacy ■**

Fabio Fava, Ralph Schneider, Heather
Leslie, Evangelos Papathanassiou,
Phillippe Vallette

Moderator Sigi Gruber (RTD)

Room: Exchange Hall

NON EU SESSIONS WITH EU SPEAKERS
EU SESSIONS

- RTD (DG Research and Innovation)
- JRC (Joint Research Centre)
- ERC-ERCEA (European Research Council Executive Agency)
- ★ CNECT (DG Communications Networks, Content and Technology)
- ▲ EP (European Parliament)

HORIZON

The EU Research & Innovation Magazine

Exclusive insight into the science that is shaping the future of Europe.

Horizon magazine brings you the cutting-edge of European research. It is updated daily, and includes in-depth features, interviews and analysis by independent journalists on behalf of the European Commission's Directorate-General for Research and Innovation.



Research and innovation create investment opportunities for new and better products and services creating jobs and growth. Horizon 2020, the European Union's research and innovation programme, is the largest funding programme of its type in the world with a budget of 77 billion euro from 2014 to 2020. It is supporting excellence in science, leadership in industrial technologies and is helping to tackle the major challenges, such as climate change, food security, health and transport that concern all of us.

A key component to making rapid progress in research is to encourage the exchange of ideas, knowledge and know-how which is why the European Commission is one of the biggest supporters of ESOF through the Science with and for Society theme of Horizon 2020.

Since becoming Commissioner for Research, Science and Innovation, Carlos Moedas has repeatedly underlined the need to approach EU research and innovation policy from the perspective of encouraging *Open Innovation*, *Open Science* and *Open to the World*. Visit the EU booth in the exhibition area to find out more and learn about funding opportunities under Horizon 2020.

ec.europa.eu/research/esof2016

Exhibition hours:

Sunday 24 July	16:45 - 18:30
Monday 25 July	08:00 - 18:30
Tuesday 26 July	08:00 - 18:30
Wednesday 27 July	08:00 - 16:00

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