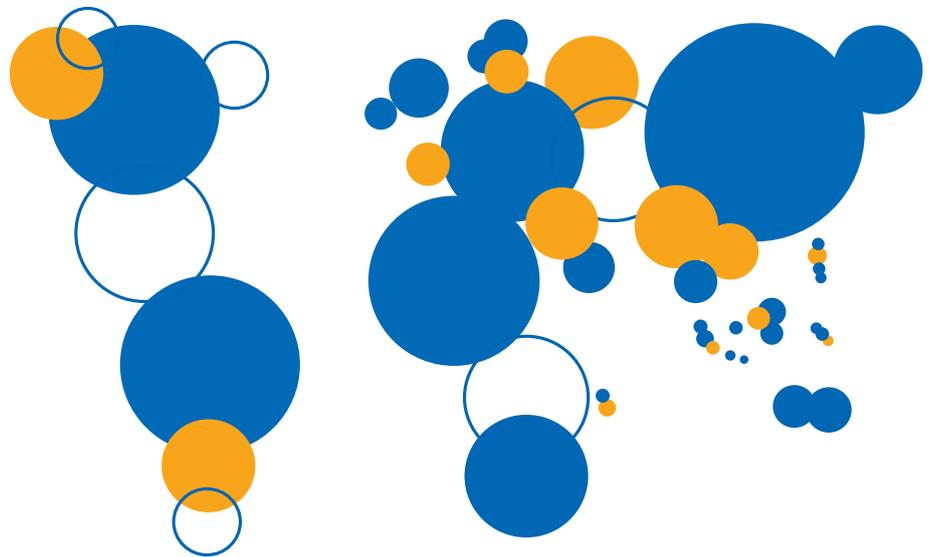




International Conference  
on Research Infrastructures

# Research Infrastructures for Global Challenges



**Athens, 2-4 April 2014**

Megaron Athens International Conference Centre



13h00 - 13h45

## Greek EU Presidency Welcome and Political Speeches (Banquet Hall)

**Chair: Christos VASILAKOS,**  
General Secretary for Research and Technology (GSRT), Greece

**Welcome address by Hellenic EU Presidency  
Konstantinos ARVANITOPOULOS,**  
Minister of Education and Religious Affairs, Greece

### Political addresses

**Máire GOGHEGAN-QUINN,**  
European Commissioner, Research & Innovation

**Stefania GIANNINI,**  
Minister of Education, Universities and Research, Italy

**Christos VASILAKOS,**  
General Secretary for Research and Technology (GSRT), Greece

13h45 - 14h45

## Opening Session: Global Research Infrastructures, Setting the Scene (Banquet Hall)

**Chair: Octavi QUINTANA,**  
Directorate-General for Research & Innovation (RTD), European Commission

**Hans MÜLLER PEDERSEN,**  
Director for the Danish Agency for Science, Technology and Innovation "Message from ICRI 2012"

**Dom ENGLISH,**  
Group Manager, Research and Strategy Group Department of Education, Australia

**Henry MARKRAM,**  
Coordinator, Human Brain Project, The Swiss Federal Institute  
for Technology in Lausanne (EPFL), Switzerland

14h45 - 15h15

**Coffee Break (Banquet and N. Skalkotas Foyer)**

15h15 - 17h15

## Plenary Session 1 Research Infrastructures for Global Challenges (Banquet Hall)

**Chair: Agnieszka ZALEWSKA,**

President, The European Organisation for Nuclear Research (CERN) Council

**Rapporteur: Frédéric SGARD,**

Project Administrator, Organisation for Economic Co-operation & Development (OECD)

**Keynote speaker: Geoffrey BOULTON,**

Regius Professor of Geology, University of Edinburgh, The Royal Society, United Kingdom

### Panellists

**Octavi QUINTANA,**

Directorate-General for Research & Innovation (RTD), European Commission

**Francis TUSUBIRA,**

Chief Executive Officer, UbuntuNet Alliance, Uganda

**Milena ZIC FUCHS,**

Professor, Croatian Academy of Sciences & Arts, University of Zagreb, Croatia

**XU HONGJIE,**

Chief Scientist of Shanghai Synchrotron Radiation Facility Project (SSRF), Shanghai Institute of Applied Physics, Chinese Academy of Sciences, China

**Joseph SIFAKIS,**

Professor, The Swiss Federal Institute for Technology in Lausanne (EPFL), Switzerland

**Lucy SCOTT,**

Data and Information Coordinator, United Nations Development Program (UNDP) Global Environment Facility (GEF) Agulhas and Somali Currents Large Marine Ecosystem (ASCLME), South Africa

17h15 - 17h45

**Coffee Break (Banquet and N. Skalkotas Foyer)**

17h45 - 19h15

## Plenary Session 2 Governance of RIs (Banquet Hall)

**Chair: Ditta ZIZI,**

Branch Manager, Department of Education, Australian Government, Australia

**Rapporteur: Bernhard FABIANEK,**  
Policy Officer, European Commission

**Keynote speaker: Daniel ADAMS,**  
Chief Director, Emerging Research Areas & Infrastructure, Department of Science  
& Technology, South Africa

### Panellists

**Janet THORNTON,**

Director, European Molecular Biology Laboratory (EMBL), European Bioinformatics Institute (EBI), United Kingdom

**Carlos ALEJALDRE**

Deputy Director General, International Thermonuclear Experimental Reactor (ITER)

**Askar KUTANOV,**

Regional Coordinator Central Asian Research and Education Network (CAREN) Project, Kyrgyzstan

**Sergio BERTOLUCCI,**

Director for Research and Computing, European Organisation for Nuclear Research, (CERN)

**Claudia BURGER,**

XFEL Management Board Managing Director, Administrative Director, Germany

**Sergey SALIKHOV,**

Director, Department for the Development of Priority Directions in the Ministry of Education and Science, Russia

19h15 - 19h20

## Research and Art Competition/ Exhibition Presentation

(official welcome by the Curator Elizabeth Plessa)

19h20 - 20h30

## Welcome Cocktail (N.Skalkotas Foyer)

## Parallel Thematic Sessions, Part 1

### Environment, with focus on Marine Research Infrastructures (N.Skalkotas Hall)

**Chair: Maria UHLE,**

Director for International Activities, GeoSciences Directorate, (NSF), United States

**Rapporteur: Barak HERUT,**

Director General, Israel Oceanographic & Limnological Research Ltd (IOLR), Israel

#### Speakers

**Mike THORNDYKE,**

Scientific Coordinator, Royal Swedish Academy of Sciences/Göteborg University, Sweden

**Sara IVERSON,**

Scientific Director, Ocean Tracking Network (OTN), Canada

**Donatella CASTELLI,**

iMarine Project Director, Information (ISTI-CNR), Italy

**Kostas NITTIS,**

Secretary General EuroGOOS, Association Internationale Sans But Lucratif (EuroGOOS AISBL)

**Ian WRIGHT,**

Director, National Oceanography Centre (NOC), Science and Technology Directorate, United Kingdom

**Gelsomina PAPPALARDO,**

Senior researcher, National Research Council (CNR), Italy

09h00 - 11h00

### Palaeoanthropology & Cultural Heritage (MC2 Hall)

**Chair: Suzanne MILLER,**

CEO & Director, Queensland Museum Network, Australia

**Rapporteur: Marteyn VAN GASTEREN,**

Centro Nacional de Investigación sobre la Evolución Humana (CENIEH), Spain

#### Speakers

**Hervé BOCHERENS,**

Professor, University of Tübingen, Germany

**Rob ELLAM,**

Professor/Director, Scottish Universities Environmental Research Centre (SUERC), United Kingdom

**Loïc BERTRAND,**

Director, IPANEMA, Synchrotron SOLEIL, France

**Demetrios KAFETZOPOULOS,**

Research Director, IMBB, FORTH, Greece

**Eva-Maria GEIGL,**

Head of Research CNRS, Institut Jacques Monod, CNRS, France Kristina JØRKOV THOMSEN, Center for Nuclear Technologies, Technical University of Denmark, Denmark

**Eugenio CASINI,**

Regional Specialist XRF - XRD, PANalytical, Italy

## Parallel Thematic Sessions, Part 1

### Food Security (MC3 Hall)

**Chair: Lidia BRITO,**

Director for Science Policy and Capacity Building, Natural Science Sector, UNESCO

**Rapporteur : Imma SUBIRATS,**

Food & Agriculture Organisation (FAO), United Nations (UN), Italy

#### Speakers

**Segenet KELEMU,**

Director General, International Center for Insect Physiology and Ecology (ICIPE), Kenya

**Abad CHABBI,**

Research Director, French National Institute for Agricultural Research (INRA), France

**David STUART,**

Director of Instruct & MRC Professor of Structural Biology, University of Oxford, United Kingdom

**Murat OZGOREN,**

Chair, ESFRI Health & Food Strategic Working Group (HF SWG), Turkey

**Tim BENTON,**

Professor, University of Leeds, United Kingdom

**Tichaona MANGWENDE,**

Programme Coordinator, NEPAD Agency Science, Technology & Innovation Hub, South Africa

09h00 - 11h00

### e-Infrastructures Sustainability & business models (Banquet Hall)

**Chair: Vasilis MAGLARIS,**

Professor, National Technical University of Athens (NTUA), Greece

**Rapporteur : Sandra COLLINS,**

Director, Digital Repository of Ireland (DRI), Ireland

#### Speakers

**Dany VANDROMME,**

Professor, National Institute of Applied Sciences (INSA) of Rouen, France

**Niels HERSOUG,**

General Manager/Chief Programme Officer, Delivery of Advanced Network Technology to Europe (DANTE), United Kingdom

**Satoshi MATSUOKA,**

Professor of Computer Science, Tokyo Institute of Technology, Japan

**Thierry VAN DER PYL,**

Director "Excellence in Science", European Commission

**Maryline LENGERT,**

Senior Advisor, European Space Agency (ESA), Italy

**Nick JONES,**

Director, NZ eScience Infrastructure (NeSI), New Zealand

**Catherine RIVIERE,**

Chair of the PRACE Council and CEO of GENCI, France

11h00 - 11h30

Coffee Break (All Day) (Banquet and N. Skalkotas Foyer)

## Continuation of the previous Parallel Thematic Sessions

Environment, with focus on Marine and Arctic Research Infrastructures (N.Skalkotas Hall)

**Chair: Maria UHLE,**

Director for International Activities, GeoSciences Directorate, (NSF), United States

**Rapporteur: Barak HERUT,**

Director General, Israel Oceanographic & Limnological Research Ltd (IOLR), Israel

### Speakers

**Sigi GRUBER,**

Head of the Marine Resources Unit, Directorate-General for Research & Innovation (RTD), European Commission

**Nicole BIEBOW,**

Head of International Cooperation Unit, Alfred-Wegener-Institut, Helmholtz Zentrum für Polar- und Meeresforschung, Germany

**John GUNN,**

Chief Executive Officer, Australian Institute of Marine Science (AIMS), Australia

**Peter HAUGAN,**

Professor, Geophysical Institute, University of Bergen, Norway

**Terry CALLAGHAN,**

Professor, Royal Swedish Academy of Sciences, Sweden

11h30 - 13h00

## Palaeoanthropology & Cultural Heritage, continuation (MC2 Hall)

**Chair: Suzanne MILLER,**

CEO & Director, Queensland Museum Network, Australia

**Rapporteur: Marteyn VAN GASTEREN,**

Centro Nacional de Investigación sobre la Evolución Humana (CENIEH), Spain

### Speakers

**María MARTINON-TORRES,**

Dental Anthropology, Research Group Leader, Centro Nacional de Investigación sobre la Evolución Humana (CENIEH), Spain

**Richard 'Bert' ROBERTS,**

ARC Australian Laureate Fellow & Director, Centre for Archaeological Science, University of Wollongong, Australia

**Francis THACKERAY,**

Professor, Institute for Human Evolution, University of the Witwatersrand, South Africa

**Sileshi SEMAW,**

Centro Nacional de Investigación sobre la Evolución Humana (CENIEH), Spain

**Bruno BRUNETTI,**

Professor, Centre SMAArt, University of Perugia, Italy

## Continuation of the previous Parallel Thematic Sessions

### Food Security, continuation (MC3 Hall)

**Chair: Lidia BRITO,**

Director for Science Policy and Capacity Building, Natural Science Sector, UNESCO

**Rapporteur : Imma SUBIRATS,**

Food & Agriculture Organisation (FAO), United Nations (UN), Italy

#### Speakers

**Artemis SIMOPOULOS,**

President, The Center for Genetics Nutrition & Health, United States

**Russ LEA,**

Chief Executive Officer, National Ecological Observatory Network (NEON) Inc., United States

**Rob LOKERS,**

Project manager research ICT projects at Alterra, Wageningen UR, Netherlands

### e-Infrastructures Sustainability & business models (Banquet Hall)

**Chair: Vasilis MAGLARIS,**

Professor, National Technical University of Athens (NTUA), Greece

**Rapporteur : Sandra COLLINS,**

Director, Digital Repository of Ireland (DRI), Ireland

#### Speakers

**Rhys FRANCIS,**

Director, eResearch Futures P/L, Australia

**Gudmund HØST**

Director, Nordic e-Infrastructure Collaboration (NeIC), Norway

**Contstantia ALEXANDROU,**

Professor, The Cyprus Institute, Cyprus

**Anne TREFETHEN,**

Professor, University of Oxford, United Kingdom

11h30 - 13h00

13h00 – 14h15

Lunch (N. Skalkotas Foyer)

14h15 – 15h45

## Plenary Session 3, Innovation potential of RIs (Banquet Hall)

**Chair: Zoran STANCIC,**

Deputy Director-General, Directorate-General for Communications Networks, Content & Technology, European Commission

**Rapporteur: Clare MCLAUGHLIN,**

Science Counsellor, Australian Mission to the EU, Australia

**Keynote speaker: Franco ONGARO,**

Director of Technical and Quality Management, European Space Agency (ESA)

### Panellists

**Anita LOOTS,**

Associate Director, Square Kilometre Array (SKA) SA, South Africa

**Rosie HICKS,**

Chief Executive Officer, Australian National Fabrication Facility (ANFF), Australia

**Gilles PATRY,**

President & Chief Executive Officer, Canada Foundation for Innovation, Canada

**Dionysios TSICHRITZIS,**

Professor, University of Crete, Greece

**Jean GONNORD,**

Chef de Projet, French Commissariat à l'Énergie Atomique (CEA), France

**Ed PARSON,**

Geospatial Technologist, Google, United Kingdom

**Jean MOULIN,**

General Advisor, Belgian Federal Science Policy Office, Belgium

15h45 -16h15

**Coffee Break (All Day) (Banquet and N. Skalkotas Foyer)**

16h15 - 17h45

## Plenary Session 4, Big Data management (Banquet Hall)

### Address by Neelie Kroes,

Vice-President of the European Commission responsible for the Digital Agenda – video-message

### Chair: John WOOD,

Secretary General, Association of Commonwealth Universities (ACU), United Kingdom

### Rapporteur: Yannis IOANNIDIS,

General Director, Athena Research & Innovation Center, Greece

### Keynote speaker:

Francine BERMAN,  
Council Co-Chair, Research Data Alliance, United States

### Panellists

#### Ross WILKINSON,

Executive Director, Australian National Data Service, Australia

#### Donald HOBERN,

Executive Secretary, Global Biodiversity Information Facility (GBIF), Denmark

#### Jean-Claude GUEDON,

University of Montreal, Department of Comparative Literature, Canada

#### Sverker HOLMGREN,

Program Director, Nordic eScience Globalisation Initiative (NeGI), Norway

#### Helene LUCAS,

International Scientific Coordinator of the Wheat Initiative, French National Institute for Agricultural Research (INRA), France

#### Kostas GLINOS,

Head of Unit, "Strategy EFTA and enlargement countries, Russia Asia and Pacific",  
Directorate-General for Research & Innovation, European Commission

18h15 - 18h45

## Bus Transport from Megaron to Balux Prive +Seaside Restaurant – Glyfada

(first bus 18:15-last bus 18:45)

19h30

## Research & Art Exhibition Award Ceremony,

### Robert-Jan SMITS,

Director-General for Research & Innovation (EU),

### Christos VASILAKOS

General Secretary for Research and Technology (GSRT), Greece

Followed by Official ICRI 2014 Dinner at Balux Prive, Seaside Restaurant

09h00 - 10h00

## Summary of Parallel Thematic Sessions (Banquet Hall)

### Chair: Daan DU TOIT,

Senior S&T Representative to the EU, South African Department of Science & Technology, South Africa

### Rapporteurs

#### Barak HERUT,

Director General, Israel Oceanographic & Limnological Research Ltd (IOLR), Israel

#### Marteyn VAN GASTEREN,

International R&I Projects & Diversification, Centro Nacional de Investigación sobre la Evolución Humana (CENIEH), Spain

#### Imma SUBIRATS,

Knowledge & Information Management Specialist, Food & Agriculture Organisation (FAO), United Nations (UN), Italy

#### Sandra COLLINS,

Director, Digital Repository of Ireland (DRI), Ireland

10h00 - 10h30

## Coffee Break (Banquet and N. Skalkotas Foyer)

## Plenary Session 5 - The Way Forward (Banquet Hall)

### Chair: Robert-Jan SMITS,

Director-General, Directorate-General for Research & Innovation (RTD), European Commission

### Rapporteur: Ana ARANA ANTELO,

Head of Unit Research Infrastructures - DG R&I, European Commission

### Panellists

#### John WOMERSLEY,

Chief Executive, Science & Technology Facilities Council (STFC), United Kingdom

#### Ian CHUBB,

Chief Scientist, Office of the Chief Scientist, Australian Department of Industry, Australia

#### Hiroshi NAGANO,

Chair, OECD Global Science Forum, Japan

#### Phil MJWARA,

Director General, Department of Science & Technology (DST), South Africa

#### S. V. RAGHAVAN,

Scientific Secretary, Office of the Principal Scientific Advisor to Government, India

#### Cristina GUTIERREZ CORTINES,

Member of the European Parliament, Spain

10h30 - 12h00

## Closing Remarks

### Robert-Jan SMITS,

Director-General, Directorate-General for Research & Innovation (RTD), European Commission

### Phil MJWARA,

Director General, Department of Science & Technology (DST), South Africa

### Kostas CHATZIDAKIS,

Minister for Development and Competitiveness, Greece

12h00-13h00

13h00-14h00

## Light Lunch (Banquet and N. Skalkotas Foyer)