International Conference on Research Infrastructures
Copenhagen, 21–23 March 2012
Welcome

Dear Participant

It gives us great pleasure to welcome you to the International Conference on Research Infrastructures (ICRI 2012) held in Bella Center, on 21–23 March 2012, under the auspices of the Danish Presidency of the European Council and co-organized by the Danish Ministry of Science, Innovation and Higher Education and the European Commission. This will be the 7th major Conference on Research Infrastructures, and for the first time the Conference will debate international issues.

Objectives

Following the European conferences (ECRI) which started in 2000, this will be the first to address an international audience on how global research infrastructures can respond to the Grand Challenges: Lessons, Priorities and Future Directions. The Conference will thematically focus on Health, Climate Change, Energy and e-Infrastructures. ICRI 2012 will provide important input to the European strategy and to the implementation of the next EU Framework Programme “Horizon 2020”, supporting the strengthening of a global ecosystem of research infrastructures.

Ambition

The purpose of the Conference will be to make specific recommendations on how international co-operation on research infrastructures can be more effective in the future. This may include calling for a coordinated support and strengthening of existing initiatives, highlighting possible needs for additional efforts, and developing a vision of open science.

Therefore, there is an urgent need to discuss and find ways to act globally to respond to the Grand Challenges.

Participation

Participation in the Conference is free, but participants are expected to cover their own travel and accommodation expenses.

Please join us in Copenhagen and share your thoughts and ideas. We look forward to seeing you and hope you enjoy your stay in Denmark.

ICRI 2012 Organizers
21 March 2012 – Wednesday

13:30–15:00 Denmark Presidency Welcome and Political Speeches

**Welcome Address**

Uffe Toudal Pedersen, Permanent Secretary, Ministry for Science, Innovation and Higher Education, Denmark

**Political Speeches**

Morten Østergaard, Minister for Science, Innovation and Higher Education, Denmark
Neelie Kroes, European Commissioner, Vice-President, Digital Agenda
Máire Geoghegan-Quinn, European Commissioner, Research & Innovation

**Keynote Speaker**

Hans Rosling, Department of Public Health Sciences, Karolinska Institutet, Sweden

**The International View**

Thirumalachari Ramasani, Secretary to the Government of India, Department of Science and Technology, India
Philemon Mjwara, GEO co-chair, Director-General, Department of Science and Technology, South Africa
Ian Chubb, Professor, Australia’s Chief Scientist, Australia

15:00–15:45 Coffee Break and Press Briefing

15:45–17:30 Plenary Session 1

**Needs, Development and Operation of Global RIs — Challenges and Drivers for Collaboration**

Chair: Beatrix Vierkorn Rudolph, Chair of ESFRI, Deputy Director General, Federal Ministry of Education and Research, Germany
Rapporteur: Martin Gallagher, Counsellor, Department of Innovation, Science and Research, Australian Embassy and Mission to the European Union

**Keynote Speaker**

Dan Shechtman, Nobel Prize in Chemistry 2011, Israel

**The International View**

Patricia Kelly, Deputy Secretary, Department of Innovation, Industry, Science, Research and Tertiary Education, Australia
Flemming Besenbacher, Chairman of the Carlsberg Foundation, Denmark
John Womersley, Chief Executive, Science and Technology Facilities Council, United Kingdom

17:30–18:00 Break

18:00–19:30 Poster Session and Light Buffet
09:00–10:30 Plenary Session 2

Main Characteristics of Global Research Infrastructures

Chair: Daniel Adams, Deputy Director-General at the Department of Science and Technology, Alternate GSO delegate, South Africa

Rapporteur: Giorgio Rossi, Italian Delegate ESFRI, National Laboratory TASC - INFM-CNR, Italy

Speakers

Alan Blatecky, Director Office of Cyberinfrastructure, NSF, United States
Sergio Bertolucci, Director for Research and Computing, CERN, Switzerland
Janet Thornton, EMBL-EMI Director, ELIXIR Coordinator, United Kingdom
Jacqueline M. McGlade, Executive Director of the European Environment Agency in Copenhagen, Denmark, European Commission

10:30–11:00 Coffee Break

11:00–13:00 Parallel Thematic Sessions, Part 1 – Morning Session

Grand Challenges: Research Infrastructures at the Forefront – Specific Needs, Lessons Learnt and the Way Forward from Thematic and Cross-cutting Areas

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<th>Health</th>
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<th>Energy</th>
<th>e-Infrastructures</th>
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<tbody>
<tr>
<td>Translational Research and Clinical Trials</td>
<td>Exploratory Facilities and Platforms</td>
<td>Energy Systems</td>
<td>e-Infrastructure of Global Interest</td>
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<td>Chair: Liselotte Højgaard, Professor, Rigshospitalet, Copenhagen University Hospital, Denmark</td>
<td>Chair: Carlos Martinez Riera, Chair of ESFRI Environment Strategy Working Group, Spain</td>
<td>Chair: Henrik Bindslev, Vice Dean, Aarhus University, EERA Chairman, Denmark</td>
<td>Chair: Gudmund Høst, The Research Council of Norway, Norway</td>
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Speakers:

Nirmal Ganguly, Translational Health Science and Technology Institute New Delhi, former Director General of the Indian Council of Medical Research, India

Speakers:

Tim Killeen, NSF Assistant Director for Geosciences, United States Catherine Mevel, Institut de Physique du Globe de Paris, CNRS, Director of the ECORD Managing Agency, France

Speakers:

Sergei Ivanets, Deputy Minister of Education and Science of the Russian Federation, Russia
Minnesh Bipath, South African National Energy Research Institute, South Africa

Speakers:

Mário Campolargo, Director, DG Information Society and Media, European Commission Žiga Turk, Professor and Chair in Construction Informatics, The Faculty of Civil and Geodetic Engineering at the University of Ljubljana, Slovenia
22 March 2012 – Thursday

Speakers (cont.)
Jacques Demotes, IN-SERM ECRIN Coordinator, France
Klaus Lindpaintner, Vice President of Research and Development and CSO, SDIX, Austria
Dan Reed, Corporate Vice President, Technology Policy Group, Microsoft, United States

Speakers (cont.)
Kim Holmén, International Director, Norwegian Polar Institute, Norway

Speakers (cont.)
Colin Cartile, Chief Executive & Director-General of the European Spallation Source, Sweden
Jean Moulin, General Advisor, Belgian Science Policy Office, Belgium
Hervé Péro, Head of Unit Fission, DG Research & Innovation, European Commission

Speakers (cont.)
Kim Holmén, International Director, Norwegian Polar Institute, Norway
Colin Cartile, Chief Executive & Director-General of the European Spallation Source, Sweden
Jean Moulin, General Advisor, Belgian Science Policy Office, Belgium
Hervé Péro, Head of Unit Fission, DG Research & Innovation, European Commission

Speakers (cont.)
Florencio Utreras, Executive Director of CLARA (Latin American Cooperation of Research Networks), Chile
Satoshi Matsuoka, Professor of Computer Science, Tokyo Institute of Technology, Japan

13:00–14:00 Lunch

14:00–16:00 Parallel Thematic Sessions, Part 2 – Afternoon Session
Grand Challenges: (cont.)

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<td>Global Observing Systems, Data Governance</td>
<td>Renewable Energy</td>
<td>e-Infrastructure for e-Science</td>
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<tr>
<td>Chair: Liselotte Højgaard, Rigshospitalet,</td>
<td>Chair: Carlos Martinez Riera, Chair of ESFRI</td>
<td>Chair: Henrik Bindslev, Chair of the European</td>
<td>Chair: Gabrielle Allen, Program</td>
</tr>
<tr>
<td>Copenhagen University Hospital, Denmark</td>
<td>Environment Strategy Working Group, Spain</td>
<td>Energy Research Alliance, Denmark</td>
<td>Director, National Science Foundation,</td>
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<tr>
<td>Rapporteur: Jean-Emmanuel Faure, DG</td>
<td>Rapporteur: Jean-Daniel Paris, [ENVRI, ICOS],</td>
<td>Rapporteur: Daan du Toit, Counsellor, South</td>
<td>United States</td>
</tr>
<tr>
<td>Research &amp; Innovation, European Commission</td>
<td>LSCE, France</td>
<td>African Mission to the European Union, South</td>
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Speakers:
Isabelle Fortier, Director, P³G (Public Population Project in Genomics Observatory), Canada
Joanne Daly, Strategic Advisor, Environment Group, CSIRO; Chair of Global Biodiversity Information System (GBIF), Australia

Speakers:
James Butler, Director of Global Monitoring Division, NOAA ESRL, United States
Alexia Massacand, GEO secretariat, Work Plan Coordinator, Switzerland
Gelsomina Pappalardo, CNR Istituto di Metodologie per l’Analisi Ambientale (CNR-IMAA), Italy

Speakers:
Leonardo Beltran, Director of Information and Energetics Studies, Mexican Ministry of Energy, Mexico
David Renné, National Renewable Energy Laboratory, NREL, United States
Diego Martinez-Plaza, Director Plataforma Almeria Solar, Spain

Speakers:
Monica Marinucci, Director, Oracle Public Sector, Education and Research Business Unit, Italy
Guy Levesque, Director, Director Programs, Canada Foundation for Innovation, Canada
Rhys Francis, Executive Director, Australian eResearch Infrastructure Council, Australia
### Speakers (cont.)
- **Dagmar Fritze**, Executive Secretary of the Global Biological Resource Centre Network (GBRCN), Germany
- **Judy MacArthur Clark**, ILAR Council (International Institute for Laboratory Animal Research), United Kingdom
- **Bob Scholes**, Natural Resources and the Environment, Council for Scientific and Industrial Research (CSIR), GEOSS, South Africa
- **Gabriele Fioni**, Chair ESFRI WG on Energy, France
- **Brian Vinter**, Head of Centre for eScience, University of Copenhagen, Denmark

### 16:00–16:30 Coffee Break

### 16:30–18:00 Plenary Session 3
**Data: A Common Challenge**

**Chair:** John Wood, Professor, Association of Commonwealth Universities, United Kingdom  
**Rapporteur:** Wouter Los, Coordinator LifeWatch, University of Amsterdam, The Netherlands

**Speakers**
- **Peter Wittenburg**, Head of The Language Archive Unit, Max Planck Institute for Psycholinguistics, Germany  
- **Juni Palmgren**, Secretary General for Research Infrastructures, Swedish Research Council, Sweden  
- **Wang Juanle**, Assistant Director, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, People’s Republic of China  
- **Chad Gaffield**, President of Canada’s Social Sciences and Humanities Research Council (SSHRC), Canada

### 18:00–18:30 Break

### 18:30–19:00 Entertainment

### 19:00–21:00 Official ICRI 2012 Dinner
23 March 2012 – Friday

09:30–10:00 Summary of Parallel Thematic Sessions
Chair: John Wood, Professor, Association of Commonwealth Universities, United Kingdom

10:00–10:30 Poster Prize Ceremony

10:30–11:00 Coffee Break

11:00–13:00 Plenary Session 4
Moving Global Research Infrastructures Forward – Conclusions
Introduction: Octavi Quintana, EC Director, DG for Research & Innovation, European Commission

Keynoter speakers
Beatrix Vierkorn Rudolph, Chair of ESFRI, Deputy Director General, Federal Ministry of Education and Research, Germany
Gu Binglin, President, Tsinghua University, People’s Republic of China
Stavros Malas, Minister for Health of the Republic of Cyprus, Cyprus (Next EU Presidency)
Robert-Jan Smits, EC Director General, DG for Research & Innovation, European Commission
Gonzalo Leon, Vice-President for Research, Polytechnic University of Madrid, Spain
Connie Hedegaard, EC Commissioner for Climate Action, European Commission

Closing address
Hans Müller Pedersen, Director General, Danish Agency for Science, Technology and Innovation, Denmark

DISCLAIMER: This is a draft programme subject to minor adjustments. The inclusion of names is not necessary an indication of confirmed participation. Ascertainment of interest and/or availability is ongoing.
Getting to the Bella Center:

Address:
Bella Center
Center Boulevard 5, DK-2300 Copenhagen, Danmark
+45 32 52 88 11
Website: www.bellacenter.dk

By taxi
Taxis are located outside the entrance of Copenhagen Airport.
A taxi from Copenhagen Airport to Bella Center takes just 15-20 min and costs about DKK 150-200.

Metro: Metro line: Bella Center st (Metro M1)
From the Airport take Metro line M2 toward Christianshavn and change to Metro line M1 towards Vestamager takes just 30 min and costs about DKK 40. The Bella Center Metro Station is located next to Bella Center’s East Entrance. 5 min walk.
More information available at www.m.dk.

Bus: Bus line 30 and Bus line 4A
More information available at www.movia.dk.
This publication was prepared by the
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For the International Conference on Research Infrastructures (ICRI 2012)
in Copenhagen on 21–23 March 2012.

CONTACT

For further information and registration,
please visit the conference website:
www.icri2012.dk

For general enquiries, please contact:
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Tel: +45 72 31 84 72

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