

CONFERENCE GUIDE

ICRI 12

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

WWW.ICRI2012.DK

europa15.dk

Draft version 1.4C

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 cooperation 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.

ICRI 2012 will be a dynamic and interactive conference: audience participation is encouraged and as such, time will be dedicated to open discussion.

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

09:00- Registration opens

13:30–15:00 Denmark Presidency Welcome and Conference Opening

Welcome Address

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

ICRI 2012: A Political Vision for Science and Innovation

Morten Østergaard, Minister for Science, Innovation and Higher Education, Denmark

Máire Geoghegan-Quinn, European Commissioner, Research & Innovation

ICRI 2012 and the Digital Agenda

Neelie Kroes, European Commissioner, Vice-President, Digital Agenda

The International View

Philemon Mjwara, GEO co-chair, Director-General, Department of Science and Technology, South Africa

Ian Chubb, Professor, Australia's Chief Scientist, Australia

Grand Challenges in Perspective

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

15:00–15:45 Coffee Break

15:45–17:30 Plenary Session 1

Needs, Development and Operation of Global Research Infrastructures — 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, Professor, Technion, Israel Institute of Technology, The 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, Professor, 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

22 March 2012 – Thursday

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, National Laboratory TASC - INFN-CNR, Italy

Speakers

Alan Blatecky, Director, Office of Cyberinfrastructure, NSF, United States

Sergio Bertolucci, Director for Research and Computing, CERN, Switzerland

Janet Thornton, EMBL-EBI Director, United Kingdom

Jacqueline M. McGlade, Executive Director of the European Environment Agency

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

Health	Climate Change	Energy	e-Infrastructures
Translational Research and Clinical Trials	Exploratory Facilities and Platforms	Energy Systems	e-Infrastructure of Global Interest
<p>Chair: Liselotte Højgaard, Professor, Rigshospitalet, Copenhagen University Hospital, Denmark</p> <p>Rapporteur: Jean-Emmanuel Faure, DG Research & Innovation, European Commission</p>	<p>Chair: Humberto Delgado Rosa, Director DG CLIMA, European Commission</p> <p>Rapporteur: Jean-Daniel Paris, LSCE, CEA, France</p>	<p>Chair: Henrik Bindstev, Vice Dean, Aarhus University, EERA Chairman, Denmark</p> <p>Rapporteur: Daan du Toit, Counsellor, South African Mission to the European Union, South Africa</p>	<p>Chair: Gudmund Høst, Special Adviser, The Research Council of Norway</p> <p>Rapporteur: Carlos Moraes Pires, DG Information Society and Media, European Commission</p>
<p>Speakers:</p> <p>Nirmal Ganguly, Translational Health Science and Technology Institute New Delhi, former Director General of the Indian Council of Medical Research, India</p>	<p>Speakers:</p> <p>Tim Killeen, NSF Assistant Director for Geosciences, United States</p> <p>Catherine Mevel, Institut de Physique du Globe de Paris, CNRS, Director of the ECORD Managing Agency, France</p>	<p>Speakers:</p> <p>Sergei Ivanets, Deputy Minister of Education and Science of the Russian Federation</p> <p>Minnesh Bipath, Senior Manager, South African National Energy Research Institute, South Africa</p>	<p>Speakers:</p> <p>Kostas Glinos, Head of Unit, Geant & e-Infrastructures, DG Information Society and Media, European Commission</p> <p>Žiga Turk, Professor, Chair in Construction Informatics, The Faculty of Civil and Geodetic Engineering, University of Ljubljana, Slovenia</p>

22 March 2012 – Thursday

<p>Speakers (cont.) Jacques Demotes, Professoee, INSERM, France Klaus Lindpaintner, Vice President of Research and Development and CSO, SDIX, Austria Juni Palmgren, Secretary General for Research Infrastructures, Swedish Research Council, Sweden</p>	<p>Speakers (cont.) Kim Holmén, International Director, Norwegian Polar Institute, Norway Karin Lochte, Professor, Director of the Alfred Wegener Institute for Polar and Marine Research in the Helmholtz Association, Germany</p>	<p>Speakers (cont.) Colin Carlile, 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</p>	<p>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</p>
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13:00–14:00 Lunch

14:00–16:00 Parallel Thematic Sessions, Part 2 – Afternoon Session

Grand Challenges: (cont.)

Health	Climate Change	Energy	e-Infrastructures
<p>Biological Resource Centres</p>	<p>Global Observing Systems, Data Governance</p>	<p>Renewable Energy</p>	<p>e-Infrastructure for e-Science</p>
<p>Chair: Liselotte Højgaard, Professor, Rigshospitalet, Copenhagen University Hospital, Denmark Rapporteur: Jean-Emmanuel Faure, DG Research & Innovation, European Commission</p>	<p>Chair: Humberto Delgado Rosa, Director DG CLIMA, European Commission Rapporteur: Jean-Daniel Paris, LSCE, CEA, France</p>	<p>Chair: Henrik Bindlev, Vice Dean, Aarhus University, EERA Chairman, Denmark Rapporteur: Daan du Toit, Counsellor, South African Mission to the European Union, South Africa</p>	<p>Chair: Gabrielle Allen, Program Director, National Science Foundation, United States Rapporteur: Carlos Moraes Pires, DG Information Society and Media, European Commission</p>
<p>Speakers: Isabelle Fortier, Director, P3G (Public Population Project in Genomics Observatory), Canda Joanne Daly, Strategic Advisor, Environment Group, CSIRO; Chair of Global Biodiversity Information System (GBIF), Australia</p>	<p>Speakers: James Butler, Director of Global Monitoring Division, NOAA ESRL, United States Alexia Massacand, GEO secretariat, Work Plan Coordinator, Switzerland Gelsomina Pappalardo, Senior Scientist, CNR Istituto di Metodologie per l'Analisi Ambientale (CNR-IMAA), Italy</p>	<p>Speakers: Leonardo Beltran, Director of Information and Energetics Studies, Mexican Ministry of Energy, Mexico Diego Martinez-Plaza, Director Plataforma Almeria Solar, Spain</p>	<p>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</p>

22 March 2012 – Thursday

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	Speakers (cont.) Bob Scholes , Natural Resources and the Environment, Council for Scientific and Industrial Research (CSIR), GEOSS, South Africa Dora Ann Lange Canhos , Associate Director, Centro de Referência em Informação Ambiental, Brazil	Speakers (cont.) Gabriele Fioni , Deputy Director General for Research and Innovation, French Ministry for Higher Education and Research, France	Speakers (cont.) Brian Vinter , Head of Centre for eScience, University of Copenhagen, Denmark
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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**, Professor, University of Amsterdam, The Netherlands

Speakers

Peter Wittenburg, Head of The Language Archive Unit, Max Planck Institute for Psycholinguistics, Germany

Dan Reed, Corporate Vice President, Technology Policy Group, Microsoft Corporation, United States

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

09:00–10:00 Summary of Parallel Thematic Sessions

Chair: Ana Arana Antelo, Head of Unit, Research Infrastructures, DG Research & Innovation, European Commission

Speakers

Reports: Rapporteurs of Parallel Sessions, Health, Climate Change, Energy and e-Infrastructures

Summary: 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

Introduced by

Octavi Quintana, Director, DG for Research & Innovation, European Commission

Mario Campolargo, Director, DG Information Society and Media, European Commission

Conclusions of ICRI 2012

Gonzalo Leon, Vice-President for Research, Polytechnic University of Madrid, Spain

Keynote 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,

Robert-Jan Smits, Director General, DG for Research & Innovation, European Commission

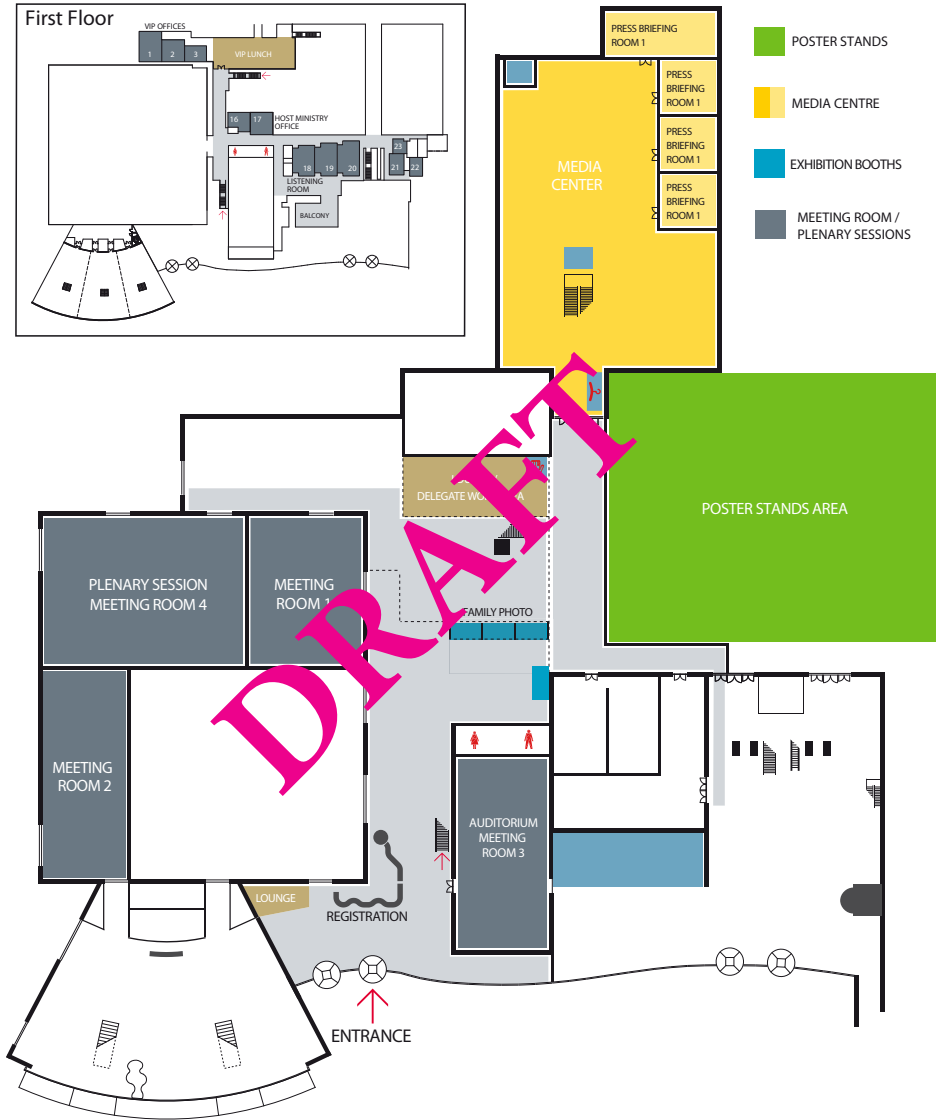
Connie Hedegaard, Commissioner for Climate Action, European Commission

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 necessarily an indication of confirmed participation. Ascertainment of interest and/or availability is ongoing.

Conference Floor Plan



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 towards Vanløse and change at Christianshavn to Metro line M1 towards Vestamager. Get off at Bella Center. It 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.



The Copenhagen Metro has two lines which run from suburban Vanløse to Vestamager and Copenhagen Airport, both situated on the island of Amager. The Metro runs 24 hours a day, every day of the week.

This publication was prepared by the
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CONTACT

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

For general enquiries, please contact:
Conference secretariat
Danish Ministry of Science, Innovation and Higher Education
E-mail: icri2012@fi.dk
Tel: +45 72 31 84 72

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