

SPEAKERS

ICRI 12

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

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**WELCOME
TO
COPENHAGEN**



Welcome



Denmark holds the Presidency of the Council of Ministers for the European Union during the first half of 2012. The EU Presidency is a serious task with many events for our Ministry – the conference ICRI 2012 being one of the largest. This will be the seventh major Conference on Research Infrastructures, and for the first time the Conference will address an international audience. We are very pleased to host this major event and fully acknowledge the importance of large-scale science projects and infrastructures. The larger impact on society takes many forms e.g. technology transfer, scientific breakthroughs, development of talents, innovative ideas, public-private partnerships and spin off industries.

New challenges will arise prior to the year 2020, which is why research, innovation and higher education are high on the global agenda. These areas hold the key components for an effective response to our common challenges. I strongly believe that a focused and intensive effort in research and innovation will help us meet tomorrow's challenges and strengthen our innovative capacity. We need to make the most out of our scientific and innovative capacities and insist on the utilisation and exploitation of outcomes and results. This view is fully in line with the key elements in the visionary Horizon 2020.

I would also like to thank the European Commission for co-organising this world class programme.

I welcome you to Denmark and look forward to an interesting and fruitful conference.

Morten Østergaard,

Danish Minister for Science, Innovation and Higher Education

Conference Opening – 21 March 2012

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



Mr Uffe Toudal Pedersen

Permanent Secretary, Ministry for Science, Innovation and Higher Education, DK
Mr Pedersen is the Permanent Secretary at the Danish Ministry of Science, Innovation and Higher Education and has held this position since 2005. From 2002 to 2005, he was head of the National Education Authority under the Ministry of Education, occupying a key position in the reform of the educational sector in Denmark. Before that, he was the Assistant Secretary of State at the Prime Minister's Office, in charge of economic and domestic affairs and matters concerning the Faroe Islands and Greenland. He has also been a member of budget commissioner Henning Christophersen's Cabinet from 1985 to 1988. Mr Pedersen was given the rank of Knight 1st class of the Order of Dannebrog by Her Majesty the Queen of Denmark and holds a Master's degree in Political Science from the University of Aarhus.



Mr Morten Østergaard

Minister for Science, Innovation and Higher Education, Denmark

Morten Østergaard is Danish Minister for Science, Innovation and Higher Education. He holds a Master's degree in Political Science from Aarhus University. He was marketing director for Dafolo A/S consultancy firm, before he became a member of parliament in 2005. He has retained his seat since then and also assumed other responsibilities such as holding the vice-chair position of the Social Liberal Party's parliamentary group. Morten Østergaard is establishing the government's ambitious plan to improve the quality of higher education and ensure that 60 per cent of every Danish year group completes a higher education. Research investment and breaking down barriers between research and private industry are also an important part of his policy. He is also tasked with heading up a national innovation strategy.



Ms Máire Geoghegan-Quinn

European Commissioner, Research and Innovation

Ms Geoghegan-Quinn has since her appointment in February 2010, spear headed the development of the Innovation Union and the proposals for the future EU research and innovation programme, Horizon 2020. Previously, she was a Member of the European Court of Auditors from 2000 to 2010 and between 1975–1997, a member of the Irish Parliament. In 1979, she became the first woman to be appointed as a cabinet Minister since the foundation of the Irish state and was a member of the Irish government team which negotiated the Joint Declaration of December 1993 on Peace and Reconciliation in Ireland. She has held numerous minister posts in the Irish government such as, Minister for Justice.



Dr. Philemon Mjwara

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

Dr. Mjwara has served as the Director-General of Science and Technology (DST) since 2006. In this capacity, he is responsible for all policy development in the science and technology sector in South Africa. His duties include driving the implementation of the National Research and Development Strategy and the DST's Ten-Year Innovation Plan for South Africa. Prior to his appointment at DST, Dr. Mjwara was the Group Executive: Research and Development and Strategic Human Capital at the Council for Scientific and Industrial Research (CSIR), where he was responsible for assisting the CSIR in its efforts to strengthen its science base, including human capital development.

Plenary Session 1 – 21 March 2012



Prof. Dr. Ian Chubb

Professor, Australia's Chief Scientist, Australia

Prof. Chubb commenced in the position of Chief Scientist of Australia on 23 May 2011. His previous roles were 2001-2011 Vice-Chancellor of The Australian National University; 1995-2000 Vice-Chancellor, Flinders University; 1993-1995 Senior Deputy Vice-Chancellor, Monash University; 1990-1995 Chair of the Commonwealth's Higher Education Council and Deputy Vice-Chancellor, University of Wollongong. Prof. Chubb was appointed a Companion of the Order of Australia for "service to higher education including research and development policy in the pursuit of advancing the national interest socially, economically, culturally and environmentally and to the facilitation of a knowledge-based global economy".



Prof. Hans Rosling

Professor, Karolinska Institutet, Sweden and co-founder Gapminder Foundation

Prof. Rosling is professor of International Health at Karolinska Institutet, the medical university in Stockholm, Sweden. When working as a young doctor in Mozambique he discovered a previously unrecognized paralytic disease that his research team named Konzo. His 20 years of research on global health concerned the character of the links between economy and health in Africa, Asia and Latin America. He has been adviser to WHO and UNICEF, co-founded Médecines sans Frontiers in Sweden and started new courses and published a textbook on Global Health. He founded Gapminder Foundation, which promotes a fact, based worldview by transforming data on global development into beautiful, interactive graphics.

15:45–18:00 Plenary Session 1



Dr.-Ing Beatrix Vierkorn-Rudolph

Chair of ESFRI, Deputy Director General, Federal Ministry of Education and Research, Germany

Beatrix Vierkorn-Rudolph holds a Ph.D. in Chemistry. Since 2005 she is Deputy-Director General of the Federal Ministry of Education and Research, Germany (BMBF). There she has the responsibility for six of the Helmholtz Research Centres in Germany as well as for XFEL and FAIR, the large new Research Infrastructures, Germany is constructing. Since 2006 she is one of the German representatives of the European Strategy Forum for Research Infrastructures (ESFRI) and in October 2006 elected as Member of the Executive Board. Since March 2008 she holds the position of the Vice Chair and in September 2010 she has taken over the Chairmanship of ESFRI.



Dr. Martin Gallagher

Counsellor, Department of Innovation, Science and Research, Australian Embassy and Mission to the European Union

Martin is the Science, Research and Innovation Counsellor at the Australian Embassy and Mission to the European Union in Brussels. He is an economist with a background in science and industrial policy. He has worked widely on international science and technology issues, both in Asia and Europe. He has served as lead shepherd for the APEC Industrial Science and Technology Working Group and was formerly a member of the Australian Delegation to the OECD in Paris.

Plenary Session 1 – 21 March 2012



Prof. Dan Shechtman

Distinguished Professor, Technion, Israel Institute of Technology, Nobel Prize in Chemistry 2011, Israel

After receiving his doctorate from the Technion in Haifa, Israel, Danny Shechtman was an NRC fellow at the Aerospace Research Laboratories of Wright Patterson AFB, Ohio. In 1975 he joined the Department of Materials Engineering at Technion where he is currently a Distinguished Professor. Shechtman is a member of several Academies, including the National Academy of Engineering, he is an Honorary Member of professional societies around the globe and was awarded many prizes including the Wolf Prize in Physics The Gregori Aminoff Prize of the Royal Swedish Academy of Sciences, the EMRS award and the Nobel Prize in Chemistry 2011.



Ms Patricia Kelly

Deputy Secretary, Department of Innovation, Industry, Science, Research and Tertiary Education, Australia

Ms Kelly has had an extensive career in the Australian Public Service working in a range of agencies with social and economic policy responsibilities. She is currently Deputy Secretary of the Department of Innovation, Industry Science, Research and Tertiary Education, responsible for the department's science and research group, which includes the Research and Science and Infrastructure Divisions in addition to Questacon (the National Science and Technology Centre), the National Measurement Institute and the Australian Astronomical Observatory. She joined the Department in 1995 and in the intervening years has had a wide range of responsibilities for policy and implementation in areas of industry, innovation, research and science policy.



Prof. Flemming Besenbacher

Professor and Chairman of the Carlsberg Foundation

Flemming Besenbacher is a Professor at the Interdisciplinary Nanoscience Center and the Department of Physics and Astronomy at Aarhus University, and Chairman of the Carlsberg Foundation's Supervisory Board. He has published more than 500 articles in international journals, several of them in high-impact journals, such as Nature and Science, and he holds several patents. He has given more than 180 invited talks at international conferences and is one of the leading international researchers in the field of surface science and nanoscience. Flemming Besenbacher is also a board member of the Tuborg Foundation and Carlsberg A/S.



Prof. John Womersley

Chief Executive, Science and Technology Facilities Council, United Kingdom

Prof. John Womersley is Chief Executive of the Science and Technology Facilities Council, which is the United Kingdom's funding agency for particle and nuclear physics, astronomy and for large research facilities such as light sources, neutron sources and high power lasers. He represents the UK in a number of international forums and is a member of the ESFRI Executive Board. In 2011 he was elected chair of the Founding Board for the Square Kilometre Array radio telescope project. He also chaired the European Commission's Expert Group on Cost Control and Management in Large Research Infrastructures.

Photo Credit: STFC

Plenary Session 1 – 21 March 2012



Mr Mikhail Rychev

Deputy Director, Research Centre Kurchatov Institute, Russian Federation

Mr Rychev is Deputy Director of the National Research Center (NRC) "Kurchatov Institute", the main research center in Russia. He created and headed the Association for International Cooperation in Science, Technology and Education "UNISON" (1992) and established and headed the first Russian Science and Technology Park at MSU (1998). Mr Rychev, also headed the United Nations Industrial Development Organization (UNIDO) office in Russia (2005) and is working as a Special Representative of NRC "Kurchatov Institute" at the European scientific international organizations. Mr Rychev was born in 1960 and graduated from the Physics faculty of the Moscow State University (MSU) in 1984 and received his Ph.D in laser physics and worked in the Moscow State University as a researcher. (1987).



Prof. Dr. S. V. Raghavan

Scientific Secretary, Office of the Principal Scientific Adviser, India

Prof. Dr. S. V. Raghavan is a distinguished person, talented professional and an active researcher, having more than three decades of rich experience in the field of teaching, research and administration. He is currently serving as the Scientific Secretary (Rank of Secretary to Government of India) in the Office of the Principal Scientific Advisor to Government of India. A man of immense capabilities, Prof Dr. S. V. Raghavan has been associated with Indian Institute of Technology, Madras since 1981 and is currently the professor in the department of Computer Science and Engineering. Ministry of Human Resources Development (MHRD), Government of India has nominated him as the Chairman, Board of Governors of Indian Institute of Information Technology (Design and Manufacturing), Jabalpur, India

09:00–10:30 Plenary Session 2



Dr. Daniel Adams

Deputy Director-General at the Department of Science and Technology (DST), GSO, South Africa

Dr. Adams joined the Department of Science and Technology in 2007, after being an academic for 27 years. At the DST he is responsible for the national research infrastructure programme (including e-infrastructure: Centre for High Performance Computing and the South African National Research Network – communications network); development of key emerging research areas such as nanotechnology; and managing the Human Capital Development and Knowledge Systems Programme of the Department. Dr Adams obtained his PhD in Engineering Science from Arizona State University, USA. He published more than forty peer-reviewed journal articles and conference proceedings and a Monograph on 'Silver Metallization'.



Prof. Giorgio Rossi

National Laboratory TASC - INFN-CNR, Italy

Prof. Rossi was appointed professor of physics at the Dipartimento di Fisica dell'Università di Modena e Reggio Emilia in 1994, and he currently leads the APE group of IOM that does research on the electronic and magnetic properties of matter at the nanoscale, and supports users access to the APE beamlines at Elettra. He is Italian Delegate of the European Strategy Forum on Research Infrastructures (ESFRI) and Executive Board member. From 2000-2009 he served as director of the Laboratorio Nazionale Tecnologie Avanzate e nanoScienza (TASC) of the Istituto Nazionale per la Fisica della Materia (INFN) at Trieste.

Plenary Session 2 – 22 March 2012



Mr Alan Blatecky

Director, Office of Cyberinfrastructure, NSF, United States

Alan Blatecky is the Director for the Office of Cyberinfrastructure (OCI) at the National Science Foundation. Before coming to NSF, Alan was the Deputy Director of the Renaissance Computing Institute (RENCI). Previously Alan held executive leadership positions at the San Diego Supercomputing Center; North Carolina Research and Education Network; the North Carolina Supercomputing Center. Alan has focused on establishing, developing and operating a variety of advanced high performance networking, computing, software, data, and visualization facilities. He has also been deeply involved in the research, development and deployment of advanced cyberinfrastructure and collaborative technologies to support multidisciplinary research and education.



Prof. Sergio Bertolucci

Director for Research and Computing, CERN

Sergio Bertolucci is the Director for Research and Scientific Computing at CERN. In his career he has participated in many particle physics experiments at DESY, Fermilab and Frascati. Prior to this, he was appointed Vice President of the Italian National Institute of Nuclear Physics (INFN) and Director of the Frascati National Lab.



Prof. Janet Thornton

EMBL-EBI Director, United Kingdom

Since 2001, Janet Thornton, CBE has been Director of the EMBL-European Bioinformatics Institute on the Wellcome Trust Genome Campus at Hinxton, near Cambridge, UK. The goal of Janet's research is to understand biological processes at the molecular level, by studying protein structures and sequences using computational approaches. Her work involves the classification of protein families and structures to elucidate the principles governing their folding and evolution. Janet also coordinates ELIXIR, a distributed, sustainable research infrastructure for biological information in Europe to support life science research and its translation to medicine and the environment, the bio-industries and society.



Prof. Jacqueline M McGlade

Executive Director of the European Environment Agency

Prof. Jacqueline McGlade became Executive Director of the European Environment Agency in Copenhagen in 2003. Prof. McGlade is currently on leave from her post as Professor in Environmental Informatics in the Department of Mathematics at University College London. Prior to this, she has been Director of the Centre for Coastal and Marine Sciences of the UK Natural Environment Research Council, Professor of Biological Sciences at the University of Warwick and Director of Theoretical Ecology at the Forschungszentrum Jülich. Her research is focused on the governance of resources and environmental informatics with particular reference to ecosystems, marine resources and climate change.



Prof. Liselotte Højgaard

Professor, Rigshospitalet, Copenhagen University Hospital, Denmark

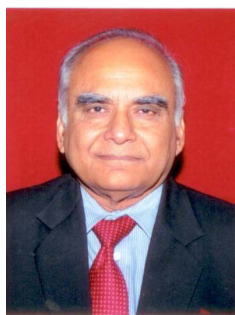
Prof. Liselotte Højgaard is Chair of the Department of Clinical Physiology, Nuclear Medicine & PET-centre at Rigshospitalet and professor in medical technology, University of Copenhagen and The Technical University of Denmark. She has published >200 papers on pathophysiology and nuclear medicine. Liselotte Højgaard is Chair of The European Medical Research Councils and Chair of The Advisory Board, EU FP 7 Health. Member of The Conseil d'Administration, INSERM, France. Previous Editor in Chief of the Danish Medical Journal and member of The Vancouver Group. President of the Copenhagen Research Forum. Has received numerous science awards and Ridder af Dannebrog (Knighthood, DK). She got the The Niels Lassen Award in 2005, The Klein Award 2010 and The Ib Henriksen Research Prize 2011.



Mr Cornelius Schmaltz

DG Research & Innovation, European Commission

Cornelius Schmaltz received his MD and his training as a board-certified paediatrician from the University of Freiburg/Germany. Following a postdoc at Dana-Farber Cancer Institute in Boston and a fellowship in Pediatric Hematology/Oncology at Memorial Sloan-Kettering Cancer Center in New York Dr. Schmaltz joined the Volkswagen Foundation in Germany, as programme manager in Medicine. Since 2006 he has been an official at the European Commission's Research Directorate General, where he is currently project and policy officer for clinical trials. Dr. Schmaltz is the co-author of 11 original papers in peer-reviewed journals (including Nature Medicine and Nature Genetics).



Prof. Nirmal Kumar Ganguly

Professor, Department of Biotechnology (Government of India), New Delhi, India

Prof. Ganguly is Distinguished Biotechnology Research Professor, and President, Jawaharlal Institute of Postgraduate Medical Education & Research. He is Former Director General, Indian Council of Medical Research (ICMR). His major research areas include Tropical, Cardiovascular and Diarrheal Diseases. He is Honorary Global Health Research Fellow and Adjunct Professor, Boston University, USA; Adjunct Professor, Environmental Health, School of Public Health, University of Minnesota, USA. He has been Chairman, President and Member of many important International Committees, including Chairman, WHO-SEARO Advisory Committee on Health; President, ASCODD (Indonesia); Advisory Board Member, Grand Challenges (Canada); and Grand Challenges, BMGF (USA), to name a few.



Prof. Jacques Demotes

Professor, Institut National de la Santé et de la Recherche Médicale (INSERM), France

Prof. Demotes is currently Professor of Cell Biology and has a background in clinical neurology. He has co-ordinated since 2004, the European Clinical Research Infrastructures Network (ECRIN), funded by the FP6 and FP7 as the pan-European infrastructure for clinical trials. In addition to this Prof. Demotes is advisor at the French Ministry of Higher Education and Research.



Prof. Klaus Lindpaintner

Vice President of Research and Development and CSO, SDIX, United States

Mr Lindpaintner is Vice President of Research and Development and Chief Scientific Officer at SDIX, a specialty immunosolutions provider active in biomarker science and biotherapeutics. Previously, he held senior management positions at F Hoffmann-La Roche, most recently as Director of the Roche Molecular Medicine Laboratories in Basel, coordinating the company's efforts and activities in implementing biomarker research based on genetics, genomics, proteomics and associated disciplines across the value chain from early discovery to late-stage clinical trials. Mr. Lindpaintner is a graduate from Innsbruck University Medical School with a degree in medicine and from Harvard University with a degree in public health.



Dr. Pauline Beattie

Operations Manager, European and Developing Countries Clinical Trials Partnership (EDCTP)

Dr. Beattie is the Operations Manager at the Hague Office of the European and Developing Countries Clinical Trials Partnership (EDCTP) since August 2011. Prior to this, she was a Science Programme Manager at the Wellcome Trust from 1998-2010 where she managed the Wellcome Trust's fellowship schemes for researchers in low and middle income countries and research grants in the Infection and Immunity and Public Health fields. She has extensive experience in managing the review process for grants and overseeing their monitoring and evaluation post-award. Dr. Beattie has a BSc in Parasitology, with an MSc and D.Phil in trypanosomiasis and malaria research respectively.

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



Dr. Isabel Fortier

Director, P3G (Public Population Project in Genomics); Researcher, RI-MUHC (Research Institute of the McGill University Health Center), Canada

As leader of the Maelstrom Research Program (RI-MUCH, Canada), Dr Fortier aims to develop and provide the research community from diverse disciplines with resources (expertise, methods and software) to support implementation of study infrastructures, and ensure data harmonization and integration across studies. Dr Fortier is an investigator of BioSHaRE, an FP7 funded project aiming to ensure the development of harmonized measures and computing infrastructures enabling the effective pooling of data across European cohorts. She has also been involved in the development of a number of cohorts in Canada and has led the construction of the P3G Observatory and DataSHaPER program.



Dr. Joanne Daly

Strategic Advisor, CSIRO Environment Group; Chair of Global Biodiversity Information Facility (GBIF), Australia

Dr. Daly is a scientist with research expertise in evolutionary biology in agricultural systems. She has had executive roles in CSIRO in the life and agricultural sciences. For the past two years she has been the Chair of the Governing Board of the Global Biodiversity Information Facility (GBIF), a global inter-governmental activity that is developing the informatics infrastructure to enable free and open access to biodiversity online. She is on the Executive of the Encyclopedia of Life and an active member of the Australian e-Research Council that has had oversight of the platform investments in these two Government programs.



Dr. Dagmar Fritze

Executive Secretary of the Global Biological Resource Centre Network (GBRCN), Germany

Since 1987 she is employed at DSMZ (German Collection of Microorganisms and Cell Cultures) and was responsible for the patent depositary until 2005. From 1989 to 2005 she was Curator for the group of Aerobic Endo-spore Forming Bacteria. Since 2005 she is responsible for collection related international affairs. Since 1994 she is a Member of the Subcommittee Bacillus and Related Genera of the International Committee on Systematics of Prokaryotes. From 2004-2010 she was President of the European Culture Collections' Organisation and from 2008-2011 Executive Secretary of the Global Biological Resource Centre Network Demonstration Project. Dagmar Fritze obtained her Doctor of Natural Sciences in 1985 at the University of Göttingen.



Dr. Judy MacArthur Clark

ILAR Council (International Institute for Laboratory Animal Research, US National Academies of Science), UK

Dr. MacArthur Clark is a veterinarian and Head of the Animals in Science Regulation Unit at the UK Home Office. Her career spans over 35 years in animal welfare and research in a variety of academic and commercial roles. She has served as President of the Royal College of Veterinary Surgeons, Chair of the Farm Animal Welfare Council and President of the European College of Laboratory Animal Medicine. She has also chaired and served as a member of many high level national and international advisory committees on topics such as xenotransplantation, research funding priorities, and bioethics. In 2004, her achievements were recognised with the award of a CBE in the Queen's Birthday Honours.

Climate Change – 22 March 2012

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



Mr Humberto Delgado Rosa

Director, DG CLIMA, European Commission

Mr Delgado Rosa is acting as Director for mainstreaming adaptation and low carbon technology in DG Climate Action, European Commission, since mid-January 2012. He has served as Secretary of State for the Environment of the Portuguese Government from March 2005 to June 2011. Between 1995 and 2002 he was advisor for environmental matters to the Prime-Minister of Portugal. He holds a Ph.D. in Evolutionary Biology, and was a professor and researcher at the Faculty of Sciences, University of Lisbon. Born in Lisbon in 1960, he is the father of two children, and he is fluent in English, French and Spanish.



Dr. Jean-Daniel Paris

Le Laboratoire des Sciences du Climat et l'Environnement (LSCE), CEA, France

Since 2009 Mr Paris is chargé d'affaires (international affairs, science and technology) at CEA (French Atomic Energy Commission). Before that he worked as research assistant at CEA. 2004-05 he worked as system engineer for the Earth Observation Mission at the European Space Agency. Mr Paris is a graduate of the Université de Versailles.



Dr. Maria Uhle

Program Director for International Activities, Directorate for Geosciences, NSF, United States

Dr. Uhle has been a program officer with the Polar Research Board at the National Research Council (NRC) and before that she was the Jones Assistant Professor of Environmental Organic Geochemistry in the Department of Earth and Planetary Sciences at the University of Tennessee (UT). At the NRC, she has directed several studies including Assessment of the U.S. Coast Guard Polar Icebreakers Roles and Future Needs, and Exploration of Antarctic Subglacial Aquatic Environments: Environmental and Scientific Stewardship.

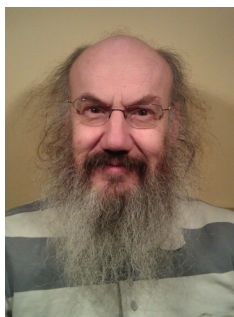


Dr. Catherine Mevel

Institut de Physique du Globe de Paris, CNRS, Director of the ECORD Managing Agency, France

Dr. Mevel is director of research at the National Center for Scientific Research, France. She is a CNRS researcher at IPGP (Institut de Physique du Globe de Paris). Her main focus concerns the interaction between the oceanic lithosphere and seawater, and its impact on geochemical cycles. She is currently the Director of the ECORD Managing Agency. ECORD (European Consortium for Ocean Research Drilling) was created by 16 European countries and Canada to join the international programme IODP (Integrated Ocean Drilling Program) as a single member. She is also involved in the "Deep sea and Sub Seafloor Frontier" project.

Climate Change – 22 March 2012



Dr. Kim Holmén

International Director, Norwegian Polar Institute, Norway

Kim Holmén is international director at the Norwegian Polar Institute (NPI) and Associate Professor at Tromsø University, Norway. Prior to this, he was, Research Director at NPI, senior scientist at the Norwegian Institute of Air Research, and Associate Professor at Stockholm University. He has served on numerous expert committees for research councils and government institutions. His research interests are related to the interactions of climate change with global biogeochemical cycles. Recent topics of interest are related to developing observational systems for quantifying environmental change by combining monitoring, modeling and process studies. He received his Ph.D. in Meteorology from Stockholm University.



Prof. Karin Lochte

Professor, Director of the Alfred Wegener Institute for Polar and Marine Research in the Helmholtz Association, Germany

Prof. Lochte has since 2007 been Director of the Alfred Wegener Institute for Polar and Marine Research in the Helmholtz Association. Prior to this she was Professor at the University of Kiel for Biological Oceanography. Field of research: Carbon fixation, nitrogen fixation and microbial remineralisation processes in the water column, special research area: tropical Atlantic. She has done research into microbial turnover of organic matter in sea ice, water and sediment and holds a Ph.D in Marine Biology. Prof. Lochte was Head of Department of Biological Oceanography at the Institut für Ostseeforschung Warnemünde, Rostock, Germany.

Photo Credit: AWI

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



Dr. James Butler

Director of Global Monitoring Division, NOAA ESRL, United States

Dr. Butler is Director of Global Monitoring at NOAA's Earth System Research Laboratory in Boulder, Colorado, where he has conducted research on climate forcing and ozone depletion for over 20 years. In his current capacity, Dr. Butler oversees the nation's continuing measurements of atmospheric constituents that affect the world's climate, including greenhouse and ozone-depleting gases, aerosols, and surface radiation. Dr. Butler was a Research Scientist at the University of Colorado, an Instructor at Humboldt State University, and a Project Manager at Environmental Research Consultants in California. He received his PhD in Chemical Oceanography from Oregon State University, an M.S. from Humboldt State University, and a B.A. at UC Santa Barbara.



Ms Alexia Massacand

Group on Earth Observations, GEO Work Plan Coordinator, Switzerland

Ms Massacand holds a Ph.D in Atmospheric Physics from the Swiss Federal Institute of Technology (ETH ZURICH) and a MSc. in world economy from the London School of Economics (LSE). She is managing the strategy and implementation of the GEO Work Plan - the framework for GEOSS implementation. She has strong experience in the design and management of research projects based on advanced diagnostic and modelling techniques, and focusing on climate/energy policy, weather/climate dynamics, extreme event predictability and related impact of climate change. She has worked in a number of operational and research institutions, including the European Centre for Medium Range Weather Forecasts (ECMWF), the National Center for Atmospheric Research (NCAR), the University of East Anglia, and McGill University.

Climate Change – 22 March 2012



Dr. Gelsomina Pappalardo

Senior Scientist, CNR Istituto di Metodologie per l'Analisi Ambientale (CNR-IMAA), Italy

Dr. Pappalardo is the chief scientist of the CNR-IMAA Atmospheric Observatory (CIAO) at the Institute of Methodologies for Environmental Analysis of the Italian National Research Council. She has over 20 years experience in the field of atmospheric studies with lidar techniques. She is the coordinator of the FPVII ACTRIS Project. Gelsomina is also chair of EARLINET and co-chair of GALION, the GAW Aerosol Lidar Observation Network. She is a member of the Scientific Advisory Group for Aerosols of the Global Atmosphere Watch program of WMO and of the Scientific Advisory Group on Volcanic Ash (VA-SAG) of WMO and IUGG.

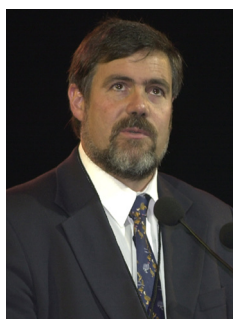


Photo Credit: Vth IUCN World Parks Congress

Dr. Robert (Bob) Scholes

Natural Resources and the Environment, Council for Scientific and Industrial Research (CSIR), GEOSS, South Africa

Dr. Scholes is a systems ecologist, employed by the Council for Scientific and Industrial Research, South Africa since 1992. Before that, he was manager of the South African Savanna Biome Programme, and did his PhD on tree-grass interactions in savannas. He studies the effects of human activities on the global ecosystem, and in particular on woodlands and savannas in Africa. He has been involved in several high-profile environmental assessments and contributes to the formulation of national environmental policy. He is or has been a member of several steering committees of international research programmes, such as the International Geosphere-Biosphere Programme and the Global Climate Observing System.



Ms Dora Ann Lange Canhos

Associate Director, Centro de Referência em Informação Ambiental, Brazil

Ms Canhos is an Associate Director of the Reference Center on Environmental Information (CRIA). She has been working with databases and on-line information systems since 1985. She is a member of the developing team of the speciesLink network, of the information system of collections of biotechnological interest and is part of the coordinating team of the National Institute of Science and Technology Virtual Herbarium of Plants and Fungi. She also represents CRIA at the Clearing-House Mechanism Informal Advisory Committee of the Convention on Biological Diversity, and as a member of the steering committee of GEO BON (Group on Earth Observations – Biodiversity Observation Network).

Energy – 22 March 2012

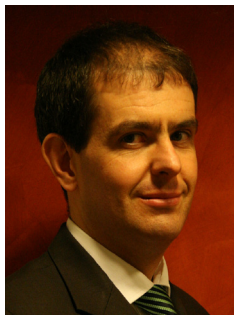
11:00–13:00 Parallel Thematic Sessions, Part 1 – Morning Session



Dr. Henrik Bindslev

Vice Dean, Aarhus University, EERA Chairman, Denmark

Dr. Bindslev is Vice Dean for Research at Aarhus University, Faculty of Science and Technology. Henrik has been engaged in energy research for more than 20 years, among others at University of Oxford, the European research centre for fusion energy, JET, the Dutch FOM research organization and The Danish National Laboratory for Sustainable Energy, Risø DTU. At Risø DTU, Dr. Bindslev also served as its Director and is currently the Chairman of the European Energy Research Alliance (EERA), delegate to the European Strategy Forum on Research Infrastructures (ESFRI) and member of ESFRI's Energy Strategy Working Group. He holds a Ph.D from the University of Oxford.



Mr Daan du Toit

Counsellor, South African Mission to the European Union, South Africa

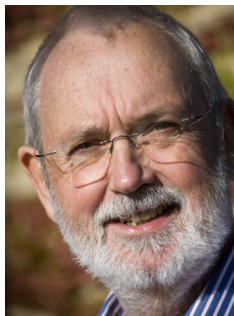
Mr du Toit has since 2006 held the position as Senior Science and Technology Representative in Europe at the Department of Science and Technology. He is currently appointed Counsellor at the South African Mission to the EU. Before this he served as Director for Strategic Partnerships in the Department of Science and Technology, South Africa. He has participated in several international research infrastructure partnership initiatives, for example in OECD and G8+5 forums, and plays a leading role in the Promoting African European Research Infrastructure Partnerships FP7 support action.



Dr. Wolfgang Hoffelner

Paul Scherrer Institut (PSI), Switzerland

Dr. Hoffelner is currently manager of the High Temperature Materials project at the Swiss Paul Scherrer Institute, Switzerland. He received his PhD in Physics from the University of Vienna. He represents Switzerland in the Generation IV System Steering Committee and in the Project Management Board for VHTRs. He supports as PSI volunteer in the current ASME Sect III Div. 5 Code development. Dr. Wolfgang has been Senior Lecturer for High Temperature Materials at the Swiss Federal Institute of Technology since 1986, and he is currently responsible for the materials education within the Swiss Master of Clear Engineering Program.



Prof. Colin Carlile

Chief Executive & Director-General of the European Spallation Source, Sweden

Prof. Carlile is an experimental physicist by training and occupation, and having specialised in the use of neutron beams for the investigation of the atomic and molecular properties of solids and liquids. He is since 2007 Director of the European Spallation Source (ESS) Scandinavia Secretariat. The Secretariat is charged by the Swedish government to pursue the siting of the European Spallation Source in Lund as part of a European consortium. He was until 2006 the Director of the Institut Laue-Langevin, a world-leading International Scientific Research Laboratory, which groups together the scientific efforts of 12 European countries.



Dr. Jean Moulin

General Advisor, Belgian Science Policy Office, Belgium

Jean Moulin holds a Ph.D. in Elementary Particle Physics. He has been working at the Belgian Federal Science Policy Office (BELSPO) since 1988, first as operational director of the National Incentive Programme on High-temperature Superconductors (1989-1995). He is a Belgian delegate to ESFRI since its creation in 2002 (member of the Executive Board in 2007-2011) and member of the Council of the European Synchrotron Radiation Facility (ESRF) since 2002. He is currently Chairman of ESRF's Council. Dr. Moulin is also member of EU-programme committees since 1989 and delegate to the Global Science Forum of the OECD.



Mr Hervé Péro

Head of Unit Fission, DG Research and Innovation, European Commission

An engineer by training (National School of Mines, France), he has developed a broad career over more than 30 years encompassing industrial production, quality and research management, innovation and capacity-building work, and teaching. Having spent four years in South America as a University lecturer and eight years within a steel-making international firm, he subsequently joined the European Commission during the mid-80's to help develop the first community industrial research programmes and subsequently has held a number of positions. He is currently working as Head of Unit dealing with Nuclear Fission and will act as Director for Energy as of April 2012.

Energy – 22 March 2012

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



Dr. Diego Martinez-Plaza

Director, Plataforma Solar Almeria (PSA-CIEMAT), Spain

Dr. Plaza is a trained Electrical Engineer and has since 2003 been Director of the Plataforma Solar de Almeria (PSA) as R&D Division within the Centre for Energy-Related, Environmental and Technological Research (CIEMAT). 1992–2003 he worked with management of education and dissemination activities and of European access to large-scale facilities projects. He is Chairman of the Joint Program on Concentrating Solar Power at the European Energy Research Alliance since September 2009. He is also member of the roadmap working group of 'Physical Sciences and Engineering of the European Strategy Forum of Research Infrastructures (ESFRI), promoted by the European Commission's Directorate-General for Research.



Dr. Gabriele Fioni

Deputy Director General for Research and Innovation, French Ministry for Higher Education and Research, France

Dr. Fioni is a Nuclear Physicist, Doctor of Science of the Ghent University, Belgium and graduated in Physics at the Bologna University, Italy. Since March 2010, he is Scientific Director and Deputy Director General for Research and Innovation at the French Ministry for Higher Education and Research, after having been appointed in 2008 as Director of the sector "Energy, Sustainable Development, Chemistry and Process Engineering". In 2005, he was appointed as Deputy Director of the Physical Science Division at the French Atomic Energy Commission (CEA) in Paris. He was in charge of Large Scale Facilities and of nuclear and particle physics activities. Dr. Fioni was born in Bologna, Italy in 1962.



Dr. Horia Hangan

Director, Wind Engineering, Energy and Environment Research Institute (WindEEE) and Faculty of Engineering, Western University, Canada

Prof. Hangan's research is in the simulation and impact of high intensity winds, wind energy and wind environmental impacts. He authored more than 200 journals and conference publications, acts as reviewer and is part of the Editorial Board of several international journals, such as Journal of Fluid Mechanics, AIAA Journal, ASME Journal of Fluids Engineering, ASME Journal of Solar (and Wind) Energy, Journal of Wind Engineering and Industrial Aerodynamics. In 2009, Dr. Hangan was awarded a grant of 23.7 M\$ funded by the Canada Foundation for Innovation and the Ontario Research Fund to build a novel Wind Engineering, Energy and Environment (WindEEE) dome facility, the world first large scale 3D wind testing chamber

E-Infrastructures – 22 March 2012

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



Dr. Gudmund Høst

Special Adviser, The Research Council of Norway

Dr. Høst is Chair of the e-Infrastructures Reflection Group (e-IRG). He has been involved in planning and coordination of national initiatives in computational mathematics, e-Science and e-Infrastructure since 2004. Prior to this, he held the positions of Research Engineer in oceanography at Det Norske Veritas, Norway and Chief Research Scientist at the Norwegian Computing Center. He has been Chair of the Steering Board of Nordic Data Grid Facility, has been central in planning the Nordic eScience Initiative and is current Chair of the Nordic e-Infrastructure Collaboration. His training is in Fluid Mechanics (MSc) and Statistics (PhD), University of Oslo



Mr Carlos Morais Pires

Head of Sector, GÉANT & e-Infrastructures, DG INFSO, European Commission

Mr Pires has been with the European Commission since 1998, dealing with the development of a large number of R&D projects on Information and Communication Technologies. He has been actively involved in bringing output from research into policy and regulatory activities. He holds a Ph.D. from Telecom Italia Lab/University of Lisbon in Electrical Engineering in the field of Telecommunication and Broadcasting Technologies. Before joining the European Commission, he was with the Department of Computer Science of ISCTE University in Lisbon. Mr Morais Pires is one of the EC representatives in the G8+05 working group on data infrastructures.



Mr Kostas Glinos

Head of Unit, GÉANT & e-Infrastructures, DG INFSO, European Commission

Mr Glinos has been with the European Commission since 1992. He leads the GÉANT & e-Infrastructures Unit since 1 January 2009. From 2003 to 2008 he was Head of the Embedded Systems and Control unit and interim Executive Director of the ARTEMIS Joint Undertaking. Previously he was deputy head of Future and Emerging Technologies unit. Mr Glinos worked with multinational companies and research institutes in the U.S., Greece and Belgium. He holds a diploma in Chemical Engineering from the University of Thessaloniki, a Ph.D. from the University of Massachusetts and a MBA from Drexel University.



Dr. Dorte Olesen

Executive Advisor, Technical University of Denmark (DTU)

Ms Olesen is since 2011 Executive Advisor at the Technical University of Denmark. From 1989 to 2011 she was Managing Director of Uni-C, The Danish IT Centre for Education and Research. Earlier she was Professor in Mathematics. She chaired the board of Roskilde University 2004-08 and was President of TERENA 2003-09. A member of the European Commission's GÉANT Expert Group and chairwoman for the Data Transport Expert Panel for the Square Kilometer Array Telescope 2010-11, she is currently board member of Zonta København I and of Women Leadership in IT.

E-Infrastructures – 22 March 2012



Prof. Florencio Utreras

Executive Director, Latin American Cooperation of Research Networks, Chile

Prof. Utreras graduated in Mathematical Engineering from the University of Chile (1975), he received a Doctor of Engineering degree from Université de Grenoble, France (1979). Before joining the Latin American Cooperation of Research Networks (CLARA), Prof. Utreras was the Executive Director of REUNA (the Chilean Research Network) since 1992 and prior to this Professor of Applied Mathematics at the University of Chile and Visiting Professor at several universities and research centers in Europe and the United States. Prof. Utreras has been involved in Research Networking since 1987.



Prof. Satoshi Matsuoka

Professor of Computer Science, Tokyo Institute of Technology, Japan

Satoshi Matsuoka is a Professor at the Tokyo Institute of Technology, Global Scientific Information and Computing Center. Prof. Matsuoka's field of study is Computer Science and his research theme is "Object-Oriented Parallel Computing User interfaces Systems and Software Global Computing Environment". Prof. Matsuoka collaborative research is on the commissioned Lucie project, a turn-key network installer for large-scaled cluster. His academic membership includes HPC Asia 2004, IEEE Supercomputing, IEEE Computing Clusters and the Grid (CCGrid 2003), ACM Object-Oriented Programming: Languages, Systems and Applications (OOPSLA 2002).

Photo Credit: Titech

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



Dr. Juan Bicarregui

Acting Director e-Science, Science and Technology Facilities Council, UK

Dr. Juan Bicarregui is acting director of the e-Science Department at STFC. He is coordinator of the PaNdata collaboration (www.pandata.eu) which brings together 13 major European Photon and Neutron source Research Infrastructures to develop common user and data services which support the tracing of provenance of data, preservation, and scalability through parallel access. He vice-chair of the Alliance Permanent Access (<http://www.alliancepermanentaccess.org>). His research background is in software engineering and mathematics.



Dr. Monica Marinucci

Director for Research, Oracle Education and Research Global Business Unit, Italy

Monica Marinucci is the Director for the Research Industry for Oracle Europe, Middle East & Africa. In her role, Monica is responsible to develop the Research market in this region, to coordinate related activities and to support the teams in the countries. She also holds worldwide responsibilities for the establishment of strategies and solutions for this market segment. Monica is also acting as an expert and a member of several High-Level Expert Groups for the European Commission since 2007. Dr. Marinucci joined Oracle Corporation in 2004 after having spent 10 years in the Research Academic world. She holds a university degree in Applied Mathematics.

E-Infrastructures – 22 March 2012



Mr Guy Levesque

Director, Director Programs, Canada Foundation for Innovation, Canada

Guy Levesque has spent the last 15 years working in the area of research and innovation. From 2005 to 2007, Guy provided strategic advisory services to the Vice-President (Research) University of Manitoba in support of the university's \$400 million Canada Foundation for Innovation's portfolio and other large-scale research initiatives. Having rejoined the Canada Foundation for Innovation in April 2010 as Director of Programs, Guy is responsible for development and delivery of programs. He is also responsible for assuring that the core program processes of the CFI are maintained at the highest international standards. Guy holds a B.Sc. in Geology (magna cum laude), B.Ed. (summa cum laude), and M.Sc. in Geology, all from the University of Ottawa.

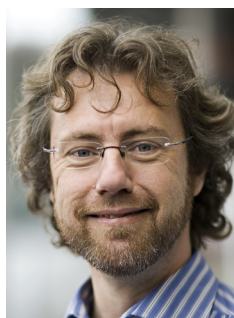


Dr. Rhys Francis

Executive Director, Australian eResearch Infrastructure Council, Australia

Dr. Francis is Executive Director of the Australian e-Research Infrastructure Council. Rhys' background includes ten years as an academic researching parallel and distributed computing. He then joined CISRO in 1990 to develop high-level application languages and algorithms for high performance computing. He was appointed programme manager in 1994, to strategic ICT industry liaison in 2002 and director of its high performance computing in 2003. More recently, as the programme manager for the Australian national grid, the facilitator for a national eResearch infrastructure plan, and through his current appointment, Rhys has contributed to the development of Australia's national research supporting e-infrastructure.

Photo Credit: eResearch Australia



Prof. Brian Vinter

Professor and Head of the eScience Center, University of Copenhagen, Denmark

Prof. Brian Vinter is Head of the eScience Center at the Faculty of Science at the University of Copenhagen and is one of the world's leading experts in eScience infrastructure with experience from CERN, NDGF and the Danish national grid computing organization. Prof. Vinter's research focus is on the use of large amounts of data in physics, finance, and the health industry, and has a keen interest in enabling general availability of scientific data, including a guaranteed data anonymity where needed.

Plenary Session 3 – 22 March 2012

16:30–18:00 Plenary Session 3



Prof. John Wood

Professor, Association of Commonwealth Universities, United Kingdom

Prof. John Wood, CBE, has held senior academic posts at several UK universities including Nottingham and Imperial College. In 2001 he became chief executive of the UK research council for operating and managing large RIs. As chair of ESFRI he was responsible for the first RI roadmap. He was chair of the European Research Area Board from 2008 and in 2009 chair of the High Level Group on the future of scientific data. He is a director of a number of companies. In 2010 the German Government made him an "Officer of the Order of Merit of the Federal Republic of Germany."



Mr Wouter Los

Principal Scientist, University of Amsterdam, The Netherlands

Wouter Los was educated in theoretical chemistry. After entering biology he was for many years the director of an international natural science collection operating as a research infrastructure at the University of Amsterdam. His interest in large-scale biodiversity data resulted in the development of various initiatives and projects. He promoted the establishment of the Global Biodiversity Information Facility and was vice chair of its Governing Board. Currently he is coordinating the LifeWatch infrastructure for biodiversity and ecosystem research. He also leads a few European projects dealing with the interoperability of environmental research infrastructures.



Prof. Peter Wittenburg

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

With a background in electrical engineering and computer science Peter Wittenburg joined the Max Planck Institute as technical director at 1976. In this function he formed a group with deep expertise in building up experimental labs, in digital signal and speech processing, computational simulation, organizing a large language archive, building widely used language and infrastructure technology. Since 1988 he is member of the IT advisory board of the Max Planck Society and since 2000 he participated in a number of national, European and international initiatives, often in leading roles. In particular he was one of the driving persons behind CLARIN and very much involved in DASISH and EUDAT



Dr. Dan Reed

Corporate Vice President, Technology Policy Group, Microsoft Corporation, US

As corporate vice president of the Technology Policy Group, Dr. Dan Reed helps shape Microsoft's vision for technology innovations and policy engagement with institutions around the world. Reed's team publishes technical perspectives and engages in projects on security and privacy, telecommunications and spectrum allocation, energy and environment, science and technology, STEM education and cloud computing to illustrate future possibilities. Before joining Microsoft, Reed was head of the Department of Computer Science and director of the National Center for Supercomputing Applications at the University of Illinois, Chancellor's Eminent Professor at the University of North Carolina (UNC) at Chapel Hill, and founding director of UNC's Renaissance Computing Institute.

Plenary Session 3 – 22 March 2012



Dr. Wang Juanle

Assistant Director, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, People's Republic of China

Dr. Wang Juanle, Ph.D., Associate Professor, Deputy director of Earth System Science Information Sharing Center at Institute of Geographic Sciences and Natural Resources Research, CAS, Director of World Data Center for Renewable Resources and Environment in ICSU WDS. His major is Cartography and Geographic Information System. His research interests focus on three aspects, i.e., data sharing standards and specification, spatial information management, environment remote sensing application. He has almost 10 years practice experiments on research data sharing mechanism, standards and platform architecture. At present, he also worked on the field of data archiving for national funding research projects in China.



Dr. Chad Gaffield

President of Canada's Social Sciences and Humanities Research Council, Canada

Dr. Gaffield was appointed president of the Social Sciences and Humanities Research Council of Canada (SSHRC) in 2006. He came to SSHRC from the University of Ottawa, where, as a professor of history, he held a University Research Chair and was the founding director of the Institute of Canadian Studies. He is a former president of the Canadian Historical Association and the Canadian Federation for the Humanities and Social Sciences. Dr. Gaffield is a Fellow of the Royal Society of Canada; recipient of the J.B. Tyrrell Medal (2004) and the Antonio Zampolli Prize (2011). He received his BA and MA from McGill University, and his PhD from the University of Toronto.



Prof. Juni Palmgren

Secretary General for Research Infrastructures, Swedish Research Council, Sweden

Prof. Palmgren, has been appointed Secretary General for Research Infrastructures, Swedish Research Council since 2010; Professor of Biostatistics, Stockholm University since 1997, Guest Professor of Biostatistics, Karolinska Institutet since 1999 and Distinguished Professor, Institute for Molecular Medicine Finland, FIMM, University of Helsinki since 2010. Her research focus is on statistical inference and applications in statistical epidemiology and statistical genetics.



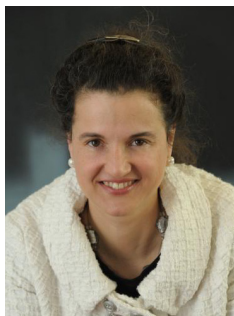
Prof. Carlo Rizzuto

Professor, Sincrotrone Trieste ScpA, Italy

Carlo Rizzuto is President of Sincrotrone Trieste and Chairman of European Strategy Forum on Research Infrastructures (ESFRI). He is full Professor of Solid State Physics at the University of Genova and member of the Research Evaluation Committee advising the Italian Government. He was previously Member and Chairman of several National and International Bodies in Research and Research Policy, involved in the start-up of the European Synchrotron Radiation Facility in Grenoble, founder of the National Institute for the Physics of Matter, and of Technology transfer and Venture-capital firms dedicated to the support of research-based innovation.

Plenary Session 4 – 23 March 2012

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



Ms Ana Arana Antelo

Head of Unit, Research Infrastructures, DG Research and Innovation, EC

Ms Arana Antelo is a Spanish lawyer specialised in European Law (Université Libre de Bruxelles). She heads the unit responsible for Research Infrastructures in DG Research and Innovation of the European Commission since January 2012. She was former Deputy Head of Cabinet of Commissioner Geoghegan-Quinn, European Commissioner for Research, Innovation and Science. She has also worked in the Directorate General for Transport and Energy, where she headed the unit responsible for the electricity and gas internal markets. She was previously in the Directorate General for Competition, working on anti-trust and state-aid cases, as well as in the Directorate General for External Relations.

10:00–10:20 Digital Science and Innovation



Mr Mário Campolargo

Director, DG Information Society and Media (DG INFSO), European Commission

Mr Campolargo is Director for “Emerging Technologies and Infrastructures” in DG-INFSO in charge of Future and Emerging Technologies, ICT based infrastructures for science and ICT trust and security, experimental facilities and experimentally driven research for Future Internet. Before joining the European Commission in 1990, he worked for 12 years in the R&D Centre of Portugal Telecom as a researcher and manager. He has a Degree in Electrical Engineering from the University of Coimbra, a Master of Science in Computing Science from Imperial College London, a Post graduate in Management from Solvay Business School Brussels and a European Studies Diploma from Université Catholique de Louvain-la-Neuve.



Ms Neelie Kroes

European Commissioner, Vice-President, Digital Agenda

Ms Neelie Kroes worked from 1971 to 1989 in Dutch politics, including as minister responsible for postal and telephone sectors. Subsequently, she worked on various company boards. In 1991 she became chairperson of Nyenrode University. In 2004 she became the EU's Competition Commissioner, and, in 2010, Vice President of the Commission responsible for the Digital Agenda. Ms Neelie Kroes was born in 1941 in Rotterdam, The Netherlands.

Plenary Session 4 – 23 March 2012

10:20–10:40 Poster Prize Ceremony



Mr Octavi Quintana-Trias

Director, DG Research and Innovation, European Commission

Mr Quintana-Trias trained as a medical doctor in the University of Barcelona. He joined DG Research and Innovation of the European Commission in 2002 as Director of Health Research and subsequently as Director of Energy (EURATOM). He is currently Director of the European Research Area. For 2 years, he served as Director of International Affairs in the Spanish Ministry for Health and Consumer Affairs and as Deputy Director General of INSALUD. Mr Quintana-Trias was Chair of the Steering Committee on Bioethics of the Council of Europe, and Founder of the European Society of Quality Assurance on Health. He was also professor on bioethics in several universities in Spain, Europe and the US.



Mr Hans Müller Pedersen

Director General, Danish Agency for Science, Technology and Innovation, DK

Mr Pedersen served as Deputy Director General of the Danish Agency for Science, Technology and Innovation from 2006-2011. Prior to this appointment he was Deputy Director and formerly Head of Administration in the ministerial department of the Danish Ministry of Science, Technology and Innovation, and had a long career with the Danish Agency for Development of Trade and Industry. Special offices held by Mr Pedersen include membership of the board of NordForsk (the coordinating and funding Nordic research advisory body on Nordic research policy) and is a Danish ESFRI delegate. Mr Pedersen holds an MSc in sociology from the University of Copenhagen.

11:10–13:00 Plenary Session 4



Mr Robert-Jan Smits

Director-General, DG Research and Innovation (RTD), European Commission

Mr Smits was Deputy Director-General of DG Joint Research Centre where his responsibilities included three Institutes: the Institute for Energy, the Institute for Environment and Sustainability and the Institute for Prospective Technological Studies. He was Director for the European Research Area: Research Programmes and Capacity. Mr Smits was born in The Netherlands in 1958 and has degrees from Utrecht University in The Netherlands, Institut Universitaire des Hautes Etudes Internationales in Switzerland and Fletcher School of Law & Diplomacy in the US.



Dr.-Ing Beatrix Vierkorn-Rudolph

Chair of ESFRI, Deputy Director General, Federal Ministry of Education and Research, Germany

Beatrix Vierkorn-Rudolph holds a Ph.D. in Chemistry. Since 2005 she is Deputy-Director General of the Federal Ministry of Education and Research, Germany (BMBF). There she has the responsibility for six of the Helmholtz Research Centres in Germany as well as for XFEL and FAIR, the large new Research Infrastructures, Germany is constructing. Since 2006 she is one of the German representatives of the European Strategy Forum for Research Infrastructures (ESFRI) and in October 2006 elected as Member of the Executive Board. Since March 2008 she holds the position of the Vice Chair and in September 2010 she has taken over the Chairmanship of ESFRI.

Plenary Session 4 – 23 March 2012



Dr. Daniel Adams

Deputy Director-General at the Department of Science and Technology (DST), GSO, South Africa

Dr. Adams joined the Department of Science and Technology in 2007, after being an academic for 27 years. At the DST he is responsible for the national research infrastructure programme (including e-infrastructure: Centre for High Performance Computing and the South African National Research Network – communications network); development of key emerging research areas such as nanotechnology; and managing the Human Capital Development and Knowledge Systems Programme of the Department. Dr Adams obtained his PhD in Engineering Science from Arizona State University, USA. He published more than forty peer-reviewed journal articles and conference proceedings and a Monograph on 'Silver Metallization'.



Dr. Sergej Mazurenko

Deputy Minister of Education and Science of the Russian Federation

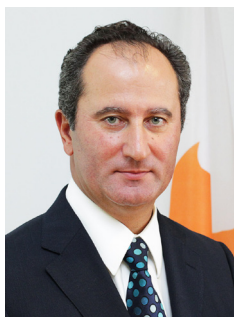
Dr. Mazurenko is Representative of Russia to the ITER Council, to the International Partnership for Hydrogen Energy, to the Carbon Sequestration Leadership Forum and is Co-Chair of the Subcommittee on Technical and Scientific Cooperation with Canada, the Netherlands, and Israel. He is also a Member of the Government Commission on Nanotechnologies, of the Marine Board of the Government of Russia and appointed Laureate of Russian Government in the field of science and technology (2006) and is an author of more than 120 scientific papers and 30 inventions. Dr. Mazurenko, was born 1949 and graduated from the Moscow Institute of Physics and Technology in 1973 and received his Ph.D. in Physics and Mathematics in 1978.



Prof. Gonzalo León

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

Mr Gonzalo León is full professor of Telematics Engineering and Vice-Rector for Research at the Universidad Politécnica de Madrid. He is also Chairman of the Space Advisory Group, member of the Strategic Forum for S&T International Cooperation in the EU, and rapporteur of the G8 Group of Senior Officials for Global Research Infrastructures. Prof. Leon was a former Spanish Secretary General of science policy at the Ministry of Science and Technology and Spanish Delegate in CREST (EU). He has served as chairman and member of several high level expert groups at the European Commission and European Council on international policy issues.



Dr. Stavros Malas

Minister for Health of the Republic of Cyprus

Dr. Malas was educated in the United Kingdom where he obtained a BSc and PhD in Genetics in (1988-1994). He has worked as a researcher at the Clinical Sciences Centre and Hammersmith Hospital and in 2001 he moved to the Cyprus Institute of Neurology and Genetics. Dr. Malas has served as the National Representative in various Committees of the European Commission dealing with policy issues on biomedical research. Dr. Malas has served as advisor to research funding organizations and academic collaborator to the University of Cyprus and University College London.

Plenary Session 4 – 23 March 2012



Ms Connie Hedegaard

Commissioner for Climate Action, European Commission

Ms Hedegaard's political career started in 1984 as a Member of Parliament in Denmark for the Conservative People's Party. Before joining the European Commission, she has been Minister for Environment (2004-2007), Minister for Nordic Cooperation (2005-2007), and Minister for Climate & Energy (2007-2009). From 1994 to 2004, she was working for Danish DR TV and Radio. Ms Hedegaard has been a member and chairman of several Boards and Associations within fields like democratisation, journalism and international affairs. She received her Master's degree in Literature and History from University of Copenhagen.

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in Copenhagen on 21–23 March 2012.



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