



12 – 14 September

Vienna

Hofburg

PROGRAMME



12th September

13:00 - 13:20 Welcome	Official opening ICRI2018
Barbara Weitgruber	Director-General, Federal Ministry of Education, Science and Research, Austria
Jean-David Malo	Director, Open Science & Open Innovation, DG Research and Innovation, European Commission

13:20 - 14:00	Keynote speeches - Research Infrastructures of the future
Fred Raab	Associate Director for Operations, LIGO, Caltech, United States
Livia Conti	INFN – Padova, Italy

14:00 - 15:15 Plenary session 1	Sustainable Research Infrastructures on the global arena: policy developments, lessons learned and strategies
Jean-David Malo (Moderator)	Director, Open Science & Open Innovation, DG Research and Innovation, European Commission
Jan Hrušák (Rapporteur)	Chair-elect, European Strategy Forum on Research Infrastructures (ESFRI)
Phil Mjwara	Director-General, Department of Science and Technology, South Africa
Karina Angelieva	Deputy Minister for Research and Structural Funds, Bulgaria
Sanja Damjanović	Minister of Science, Montenegro
Sean Dougherty	Director General, Atacama Large Millimeter/submillimeter Array (ALMA)
Tony Donné	Chair, EIROforum
Ilaria Nardello	Executive Director, European Marine Biological Resource Centre, (EMBRC-ERIC)
Luca Pezzati	Scientific Coordinator, European Research Infrastructure for Heritage Science (E-RIHS)

15:15 – 15:45	Coffee break
15:45 – 17:15 Plenary session 2	Research infrastructures in 30 years' time and how to get there
Daniel Weselka (Moderator)	Director, Department for Basic Research & Research Infrastructures, Federal Ministry of Education, Science and Research, Austria
Catherine Ewart (Rapporteur)	Associate Director, Stakeholder and International Relations, Science and Technology Facilities Council, UK
Yuri Balega	Vice-President, Russian Academy of Sciences, Russian Federation
Hongjun Gao	Director-General, Bureau of Frontier Sciences and Education, Chinese Academy of Sciences
Gabriele Fioni	Chairman of OECD Global Science Forum
Charlotte Warakaulle	Director for International Relations, CERN
Axel Börsch-Supan	Managing Director, Survey of Health, Ageing and Retirement in Europe (SHARE-ERIC)
Tiziana Ferrari	Technical Director, EGI Foundation
Helmut Dosch	Director, DESY; Chair, League of European Accelerator-based Photon Sources (LEAPS)
17:15 – 18:00 Plenary session 3	The Parallel sessions – an overview
Roseann O'Reilly Runte	President and CEO, Canada Foundation for Innovation, Canada
John Womersley	Director General, European Spallation Source
18:00 – 18:45 Festsaal	Viennese surprise!

13th September

09:30 - 10:00	Plenary session 4: Official welcome 2nd day
Maryline Fiaschi (Moderator)	Managing Director, Science Business
Heinz Faßmann,	Federal Minister for Education, Science and Research, Austria
Carlos Moedas	European Commissioner for Research, Science and Innovation

Parallel sessions - Overview

Time	Parallel session			
10:00 – 11:30	1A	2A	4A	5A
Coffee will be provided				
11:30 – 13:00	1B	2B	4B	5B
13:00 – 14:00	Lunch break			
14:00 – 15:30	1C	3	4C	5C
15:30 – 16:00	Coffee break			
16:00 – 17:30	1D	3	4D	5D

Evening Programme 13th September

17:30 – 18:00

Cocktail reception at Hofburg

18:00 – 21:30

ICRI2018 Official Dinner



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Fuhrgassl-Huber is a Buschenschank, a traditional Austrian wine tavern on the outskirts of Vienna. A Buschenschank typically produces its own wine, sparkling wine, cider and spirits as well as other produce. A visit to Fuhrgassl-Huber is a wonderful way of experiencing the best of Austrian local produce while sitting in the middle of the vineyards.

Parallel sessions

Parallel Session 1 **Internationalisation of Research Infrastructures** **The challenges of trans-national access and international sharing**

Format: **Room: Festsaal**
Panel discussion **Time: morning and afternoon**

As the global research landscape becomes increasingly interconnected, there is growing interest in internationalizing research infrastructures so that they can better serve a wider range of researchers across numerous disciplines as they join forces to tackle global challenges. This need for both trans-national access and international sharing of results creates a number of difficult challenges for governments, their funding agencies, institutions and researchers. The purpose of this session is to identify these challenges and discuss ways to address them.

David Moorman (Moderator) Senior Advisor, Policy and Planning, Canada Foundation for Innovation, Canada

Maud Evrard (Rapporteur) Head of Policy Affairs, Science Europe

Session 1A **Identifying and stimulating broader stakeholder involvement**

Barbara Ryan Former Director, GEO Secretariat at The Group on Earth Observations (GEO)

Kathleen Shearer Executive Director, Confederation of Open Access Repositories (COAR)

Pierrick Fillon Asian desk Officer, European Commission RTD C1 unit C1 Asia-Pacific Unit

Horia Hangan Professor and Director WindEEE Research Institute, Western University, Canada

Session 1B **Fostering cooperation and synergies while avoiding unnecessary duplication of facilities and services**

Beryl Morris Director, Terrestrial Ecosystem Research Network (TERN), Australia

Maribeth Murray Executive Director, Arctic Institute of North America, University of Calgary, Canada

Werner L Kutsch Director General, Integrated Carbon Observation System (ICOS) Infrastructure

Henry W Loescher Director of Strategic Development, Battelle - National Ecological Observatory Network, United States

Session 1C	
Optimising the use and outcomes of national RIs through international participation	
Maria Faury	Director of International Affairs and Large Research Infrastructures, Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA), France, and Chair, XFEL Council
William (Bill) McDowell	Lead Investigator, Professor, NH Water Resources Research Center (WRRRC), University of New Hampshire, United States
Lise Sagdahl	Senior advisor, Governance and management systems, Norwegian University of Science and Technology
Douglas Wallace	Scientific Director, Marine Environmental Observation, Prediction and Response Network (MEOPAR)

Session 1D	
Devising mechanisms for stimulating and supporting international collaboration	
Matthew Hawkins	Head of Large Facilities Office, National Science Foundation (NSF), United States and GSO chair
Sharon Cosgrove	Executive Director, Strategy, Planning and Communications, Science and Technology Facilities Council (STFC), United Kingdom, and future GSO chair
Nigel Smith	Executive Director, SNOLab, Canada
Mikhail Popov	Deputy Director, International Collaboration, Kurchatov Institute
Ari Asmi	Coordinator of RISCAPE H2020 project - European Research Infrastructures in the International Landscape

Parallel session 2 Human resources in the development and use of RIs	
Format: Presentations followed by a round table discussion	
Room: Künstlerzimmer Time: morning only	
<p>Research infrastructures are complex organizations that rely on multiple competences in order to offer to the scientific community and other stakeholders a range of services. Ensuring the excellence and sustainability of research infrastructures requires highly skilled staff members who can operate in multicultural and multi-disciplinary work contexts. The required skills concern technical aspects, governance systems and the ability to design and operate cutting-edge data technologies, manage large-scale research data collections and interface with a broad range of e-infrastructures. This session will focus on identifying existing and future gaps in human resource capabilities and the means to address these gaps.</p>	
Michael Ryan (Moderator)	Head of International, Science Foundation Ireland, Ireland
Sabine Hertgen (Rapporteur)	Acting Head of Unit International Research Organisations, Federal Ministry of Education, Science and Research, Austria

Session 2 A Ensuring the mobility of RI staff	
Catalin Miron	International Affairs Officer, Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA), France
Jennifer Edmond	Director, DARIAH ERIC; Co-Director of the Centre for Digital Humanities, Trinity College Dublin
Veronica Cesco	Policy Officer, Directorate-General for Research and Innovation, European Commission
Round table with: <ul style="list-style-type: none"> • Catalin Miron • Jennifer Edmond • Veronica Cesco • Christoph Schwanda: Deputy Director, Institute of High Energy Physics, Austria • Stijn Delauré: Unit Marie Skłodowska – Curie Actions, European Commission 	

Session 2 B		Skills development and career rewards
Hiromi Yokoyama	Associate Professor, Kavli Institute for the Physics and Mathematics of the Universe, University of Tokyo	
Silke Schumacher	Director International Relations, European Molecular Biology Laboratory (EMBL)	
Rahel Fidel	Information Communication Technology Director, Ministry of Science and Technology, Federal Democratic Republic of Ethiopia	
Round table with:		
<ul style="list-style-type: none">• Hiromi Yokoyama, Silke Schumacher, Rahel Fidel, and• Irene Haslinger, Executive Secretary to the Faculty of Electrical Engineering, Mathematics & Computer Science, TU Delft• Irina Kuklina, Executive Director of the International Centre for Innovation in Science, Technology and Education		

Parallel session 3	Fostering diversity and overcoming inequality in the development and use of RIs
Format:	Room: Radetzky App II
World café	Time: afternoon only
<p>Although research infrastructures are essential for the advancement of scientific knowledge, not all countries and communities can equally contribute to their development and benefit from their use. Differences in size, financial capacity, human resources and educational levels, amongst other factors, limit engagement and participation. In order to achieve their goals of promoting scientific excellence and maximising scientific return on investment research infrastructures should be open to all capable researchers, and countries should be able to contribute human and financial resources at levels that are appropriate and feasible. This session will tackle a series of questions related to overcoming inequalities in the development and use of research infrastructures and identifying practical measures that can foster diversity in their use.</p>	
Caterina Biscari (Chair/moderator)	Director, ALBA Synchrotron, Spain and vice chair of LEAPS
Frédéric Le Pimpec (Rapporteur)	Management Board Assistant, European XFEL GmbH
Sarawut Sujitjorn	Executive Director, Synchrotron Light Research Institute (SLRI), Thailand
Lars Börjesson	Council chair of ESS and Council vice chair of European XFEL, President of Chalmers University, Sweden
<p>All registered Participants in this session will sit in small numbers at various tables and will actively take part in the debates that will be moderated by appointed chairs.</p> <p>The following 2 questions will be addressed in a world café setting:</p> <ul style="list-style-type: none"> • building bridges between developed and developing regions • overcoming disparities between established (trendsetters) and emerging regions (followers) 	

Parallel session 4	Enhancing the societal value of Research Infrastructures
Format:	Room: Geheime Ratsstube
Presentations	Time: morning and afternoon
<p>Research infrastructures create societal value in a wide variety of ways depending on the nature of the infrastructure. They are, however, at the first step of the research enterprise value chain, and as such they are distant from the actual application of new scientific knowledge. This poses significant challenges in assessing, enhancing and communicating the societal value of research infrastructures. The purpose of this session is to explore new ways of tackling these challenges by examining new approaches to measuring value.</p> <p>The issue of societal trust – how to build it and how to maintain it – is woven into this theme.</p>	
Franciska de Jong (Moderator)	Executive Director, CLARIN ERIC
Philippe Froissard (Rapporteur)	Deputy Head of Unit - Research Infrastructures, DG Research & Innovation, European Commission
Frederic Sgard (Rapporteur)	Project Administrator Global Science Forum, OECD

Session 4A	Assessing the societal value of research infrastructures
Vincent Mangematin	Dean and Chief Academic Officer, KEDGE Business School, France and chair of the OECD working group on socio-economic impact of RIs
Laura Hillier	Director, Performance, Analytics and Evaluation, Canada Foundation for Innovation (CFI), Canada
Alasdair Reid	Principle Researcher and Policy Director, European Future Innovation System (EFIS) and RI-PATHS project

Session 4B	Enhancing the societal value of research infrastructures
Anne Gauthier	Scientific Coordinator, Gender and Generation Programme (GGP) – a Social Science Infrastructure for Research on Family Dynamics and Relationships
Tom Keenan	Senior Advisor, Planning Performance & Evaluation, CSIRO, Australia
Myeun Kwon	Research Fellow, National Fusion Research Institute (NRFI), Korea
Xiaoming Jiang	Director, Beijing Advanced sciences and Innovation Center, Chinese Academy of Sciences

Session 4C	Communicating the value of research infrastructures to the public, to policy makers and to various sectors of society
Andrew Smith	Head of External Relations, ELIXIR Europe
Amy Bilton	Knowledge Transfer Officer, CERN
Pierre Normand	Vice-President, External Relations and Communications, Canada Foundation for Innovation (CFI), Canada

Session 4D	Involving citizens in the identification, development and use of research infrastructures
Jeon Chan-Young	Korean National Facility and Equipment Council (NFEC)
Giuseppe Cimo	ASTERICS Project Scientist , JIVE - Joint Institute for VLBI ERIC
Sara Iverson	Professor, Department of Biology; Scientific Director, Ocean Tracking Network, Dalhousie University

Parallel session 5 Research Infrastructures and Data	
Format: Presentations and a round table	Room: Rittersaal Time: morning and afternoon
<p>In today's digital world, research is increasingly data-driven and research infrastructures are becoming large-scale data factories, producing, collecting, managing or processing ever larger volumes of increasingly complex data. While significant advances are being made in making research data openly available to researchers, concerns around data quality and reliability remain. For the overall integrity of the research enterprise, these concerns are of vital importance. How can we ensure that data, including experimental facilities, data repositories, cyber infrastructure and associated data services comply with the requirements of quality and openness? This session will focus on the central questions of how best to ensure data quality and reliability, how to design and implement reliable data management systems and the impact on both present and future research infrastructures and data producers and users.</p>	
Michelle Barker (Moderator)	Director, Skilled Workforce and Partnerships, Australian Research Data Commons
Carthage Smith (Rapporteur)	Coordinator, Global Science Forum (GSF), OECD
Barbara Sánchez Solís (Rapporteur)	Head of Center for Research Data Management, TU Wien

Session 5A	Research Infrastructures: ensuring trust and quality of data
Simon Hodson	Executive Director, CODATA - Committee on Data of the International Council for Science (ICSU)
Darren Bell	UK data archive, United Kingdom
Maggie Levenstein	Director, Inter-university Consortium for Political and Social Research (ICPSR), United States
Dale Peters	Director of eResearch, University of Cape Town, South Africa

Session 5B	What data should be accessible to whom and when (examples from different fields)?
Erik Steinfeld	Director General, BBMRI – ERIC
Francoise Genova	Researcher, Strasbourg astronomical data centre (CDS), France
Ron Dekker	Director, CESSDA – ERIC
Devika Madalli	Professor, Documentation Research and Training Centre, Indian Statistical Institute, India

Session 5C	The RI ecosystem and data: complementarities and synergies - How to effectively link cyber infrastructure and data?
Silvana Muscella	CEO Trust-IT Services and chair of the EOSC High Level Expert Group
Gabriele von Voigt	Professor, Computational Health Informatics, Leibniz University Hannover, Germany
Andrew Treloar	Director Projects, Engagements and International, Australian Research Data Commons
Mohammad Nasser-Eddine	Director of Programs, Canada foundation for innovation (CFI), Canada
Fabrizio Gagliardi	EU affairs, Director, Barcelona Supercomputing Center

Session 5D	A view from the funders: roundtable discussion
Juan Bicarregui	Head of the Data Services Division, Scientific Computing Department at STFC, United Kingdom
Irina Kuklina	Executive Director, Non-profit partnership International Centre for Innovations in Science, Technology and Education (ICISTE)
Jorge Tezon	Jorge Tezon, CONICET, Argentina
William L. Miller	Science Advisor, Office of Advanced Cyberinfrastructure, Directorate for Computer and Information Science and Engineering, National Science Foundation, United States
Federico Ruggieri	Director, GARR
Cristina Martinez	Deputy Head of Unit for e-Infrastructure and Open Science Cloud, DG CONNECT, European Commission

14th September

09:00 - 10:30 Plenary session 5	ICRI Summary of Plenary & Parallel Sessions
Giorgio Rossi (Moderator)	Chair, ESFRI and Coordinator of NFFA-Europe infrastructure
Rapporteurs from 5 parallel sessions and the 2 plenary sessions	

10:30 – 11:00	Coffee break
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11:00-12:50 Plenary session 6	The way forward and conference conclusions
Maryline Fiaschi (Moderator)	Managing Director, Science Business
Wolfgang Bartscher	Deputy Director General, DG Research and Innovation, European Commission
Mikhail Romanovsky	Director of the Department of State Scientific, Technological and Innovation Policy, Ministry of Education and Science, Russian Federation
Paul Dabbar	DOE Under Secretary for Science, U.S. Department of Energy, United States
Shumete Gizaw	State Minister, Ministry of Science and Technology, Federal Democratic Republic of Ethiopia
Roseann O'Reilly Runte	President and CEO, Canada Foundation for Innovation, Canada
Daan Du Toit	Deputy Director-General, South African Department of Science and Technology, and BRICS working group on RIs
Barbara Weitgruber	Director-General, Federal Ministry of Education, Science and Research, Austria

12.50 – 13:00	ICRI 2020 and closing remarks
Heidi Alberta Hulan	Ambassador of Canada to Austria & Slovakia
Roseann O'Reilly Runte	President and CEO, Canada Foundation for Innovation, Canada
Barbara Weitgruber	Director-General, Federal Ministry of Education, Science and Research, Austria
13:00 – 14:00	Lunch



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