



OPENING DOORS ON RESPONSIBLE
RESEARCH AND INNOVATION

This special pre-conference event takes place on Sunday 24 July and focuses on the theme of Responsible Research and Innovation (RRI). The event will feature debates and practical workshops and reflects the significant number of strong RRI proposals submitted to the ESOF 2016 Programme.

Introductions & Welcome

9:15-9:30

Exchange Auditorium

Speaker

Luke Georghiou, Alliance Manchester Business School, University Manchester, UK

Translating responsible research and innovation policies into practice

09:30 - 10:30

Exchange Auditorium

While the importance of conducting research in a responsible way has long been acknowledged, the emergence of RRI as a process for governing the interplay between science and society is relatively new. The embedding of extra-scientific concerns into research and innovation assumes an ever greater societal importance. RRI provides a systemic, comprehensive and process oriented approach in this context.

RRI is increasingly embedded within EU research and innovation policies, but the real impact depends on its translation into practice. RRI requires the engagement of key actors across policy, practice and society and the promotion of collective conversations among them.

This session will bring together experts to address the following:

Challenges for universities at institutional level, including the EuroTech Universities' efforts to raise awareness, and engagement among its students – the RRI practitioners of tomorrow;

Prospects for enhanced societal engagement, based on direct experience and expertise in public participation exercises;

Future directions for EU RRI related policies and programmes.

Organiser Sabine Maasen, Munich Centre for Technology and Society, Germany

Speakers

Kathrin Bimesdörfer, Institute for Organisational Communication, Germany

Philippe Galiay, DG Research and Innovation, European Commission

Phil Macnaghten, Wageningen University and Research Centre, The Netherlands

Sebastian Pfotenhauer, Technical University of Munich, Germany

Format Panel discussion

RRI training workshop: hands on responsible research and innovation

10:55 – 12:10

Exchange 9

Responsible Research and Innovation (RRI) is an important new concept in science and society and one of the cross-cutting themes of the European Commission's Horizon 2020 programme. Drawing together long-standing perspectives including public participation, ethics and gender in science, RRI has the potential to offer new opportunities but also challenges for everyone involved in science and innovation.

In this session, we discuss the concept of RRI further and, through group work, consider the opportunities and challenges it presents to research managers and examine the resources available through the RRI Toolkit that help support those wanting to implement RRI. We will also help participants identify the resources that could be most useful to them, to add any resources that would be useful and to suggest new developments that can support activities in the future.

Organiser Alexia Harambure, EuroScience, France

Speakers

Catherine Flick, De Montfort University, UK

Ignasi López Verdeguer, La Caixa Foundation, Spain

Guillermo Santamaría Pampliega, La Caixa Foundation, Spain

Melanie Smallman, University College London, UK

Format Workshop

The application of responsible research and innovation: societal impact of science policy and good practice from countries and regions

10:55 – 12:10
Exchange 10

Recent science policy debates have emphasised the importance of orienting research, technology and innovation policy towards societal challenges. However, many innovation systems are insufficiently equipped with the effective tools and operational functions that could help boost the innovation capabilities of firms and their institutional settings and of the local innovation enablers. This session aims to contribute by providing a better understanding of the application of responsible research and innovation, from a wider societal angle, at both the national and regional levels. In particular, it aims to provide a better understanding of the role that science policy could play in society. Moreover, this session will enable participants to reflect on examples of best practice where science policy has played an important role for society, together with ways in which society can be effectively engaged in the promotion of science.

Organiser Amr Radwan, SiS.net (International network of National Contact Points (NCPs) for Science with and for Society in Horizon 2020)

Speakers

Maria Hagardt, VINNOVA, Sweden

Reetta Kettunen, Committee for Public Information, Finland

Antonina Khodzhaeva, Ecsite - European Network of Science Centres and Museums, Belgium

Amr Radwan, Academy of Scientific Research and Technology, Egypt

Moderator Aðalheiður Jónsdóttir, The Icelandic Centre for Research

Format Panel discussion

What is the revolutionary potential of RRI? Interdisciplinary discussion of innovative participation processes

10:55 – 12:10
Exchange 11

Innovation systems are increasingly characterised by complex interactional dynamics between diverse participants and require nonlinear processes and models of knowledge production and technology development. In view of these complex dynamics, two principles are increasingly valued in the scientific community and also among practitioners: The value of public input – including gender diversity; and the need for transdisciplinary approaches that integrate conceptual and methodological perspectives drawn from two or more fields.

Both public engagement and transdisciplinary approaches provide a revolutionary potential for R&D and require new formats for interaction and participation. The aim of this session is to initiate an exchange between researchers and practitioners of diverse fields – including also design and the social sciences. Participatory approaches from different contexts and countries will be presented in 5-10 minute-slots, followed by a workshop in which common guiding principles will be developed. Non-scientific visitors are very welcome to share their views and experiences.

Organiser Martina Schraudner, Fraunhofer IAO Center for RRI, Germany

Speakers

Niklas Gudowsky, Institute of Technology Assessment Vienna, Austria

Marie Heidingsfelder, Fraunhofer IAO Center for RRI, Germany

Elizabeth Pollitzer, Portia: Gender and Science, UK

Marco Rozendaal, Delft University of Technology, The Netherlands

Format Panel discussion

Three currencies of research: excellence, profit and ... responsibility

10:55 – 12:10
Charter 4

European R&I activities such as FP6 and FP7 have so far been dominated by universities and companies. The currency of universities is “excellence”, measured in the form of scientific publications. The currency of companies is “profit”, in terms of filed patents. FP7 even further facilitated the focus on universities and companies by designing two vehicles specifically addressing their “currencies”: the European Research Council and the Joint Technology Initiatives.

RRI relies on the assumption that, in order to find sustainable R&I solutions for societal challenges, all societal actors (researchers, citizens, policy makers, business, civil society organisations - CSO's) must work together during the whole R&I process, thus introducing a third currency to the R&I landscape: “responsibility”. Against this background, the session addresses the multifaceted challenges of engaging CSOs in European research, by presenting and discussing previously unpublished findings from an analysis of the involvement of CSOs in the EU's research framework programmes.

Organiser Markus Hametner, Institute for Managing Sustainability, Vienna University of Economics and Business, Austria

Speakers

Philippe Galiay, DG Research and Innovation, European Commission

Harald Katzmair, FASresearch, Austria

Andre Martinuzzi, Institute for Managing Sustainability, Vienna University of Economics and Business, Austria

Bernd Carsten Stahl, De Montfort University, UK

Format Panel discussion

Opening doors on responsible research and innovation: past, present and future

12:15-13:30
Exchange Auditorium

In this roundtable we will hear 5-minute summary statements and reflections on RRI past, present and future from a representative from each of the five morning sessions. The panel will be joined by three guest speakers to provide their own statement and provocation on the topic. The roundtable will then continue in conversational style, opened to contributions from the floor. A written summary of the main points raised will be made available for general circulation after the day's event, and will be uploaded to the ESOF website news page.

Organiser Sally Randles, Alliance Manchester Business School, University Manchester, UK

Speakers

Aðalheiður Jónsdóttir, The Icelandic Centre for Research

Ignasi López Verdeguer, La Caixa Foundation, Spain

Andre Martinuzzi, Institute for Managing Sustainability, Vienna University of Economics and Business, Austria

Sebastian Pfothenhauer, Technical University of Munich, Germany and Massachusetts

Martina Schraudner, Fraunhofer IAO Center for RRI, Germany

3 guest facilitators

Format Roundtable: Critical reflections followed by audience participation and Q&A