

Science Europe is a non-profit organisation based in Brussels representing major Research Funding and Research Performing Organisations across Europe.

For more information on its mission and activities, see www.scienceeurope.org.

To contact Science Europe, e-mail office@scienceeurope.org.

Symposium Programme

Building a Scientific Narrative on Impact and Societal Value of Science

When Rationale of the Symposium

17 November 2016

Symposium 12.00–18.00

Reception 18.15–20.00

The ways in which science can contribute to society can take many forms, from the intrinsic value of research and intangible cultural assets, to the most tangible technological and societal changes that research can bring about.

With this symposium, Science Europe intends to showcase how fundamental research across the wide spectrum of scientific disciplines can transform society and how it has always been at the origins of societal progress and well-being.

Where

Metropole Hotel

Place de Brouckère 31
1000 Brussels (Belgium)

The event will also address the issue of the importance of the role of stakeholders in the interplay between basic and applied research, emphasising the need to build relations of mutual trust between science and society.

The topic will be tackled through examples, stories and scientific case studies from several research fields, in order to convey the richness and diversity of science within society, as well as to stress the value of science itself.

Before the opening session, a warm-up conversation will take place with scientific guests who will talk about the common challenge that science is facing across different domains, framed by the question 'What do the human mind, graphene and black holes have in common?'

Aim of the Symposium

The aim of the symposium is to foster discussion between scientists, members of the Science Europe Scientific Advisory Committee, Science Europe Member Organisations, European Commission Officials, Members of the European Parliament and other stakeholders in order to support the process of building trust and sharing responsibilities regarding the way of communicating research, its impact and its findings to society.



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Programme

Thursday 17 November 2016

Metropole Hotel, Brussels

12.00–13.00 Registration and Lunch

13.00–13.30 Warm-up Conversation with Scientists: The Human Mind, Graphene and Black Holes: What Do They Have In Common?

- **Silke Britzen**, Max Planck Institute for Radio Astronomy, Germany
- **Vincenzo Palermo**, National Research Council, Italy
- **Michael Wheeler**, Stirling University, United Kingdom

13.30–14.15 **Opening Session – Laying the Foundations for a Narrative**

CHAIR

Bonnie Wolff-Boenisch, Head of Research Affairs, Science Europe

INTRODUCTION

Amanda Crowfoot, Director of Science Europe

KEYNOTE

Julie Ward, Member of the European Parliament

PRESENTATIONS

Welcome

Igor Emri, Interim Chair of the Science Europe Scientific Advisory Committee, Director of Center for Experimental Mechanics, Institute for Sustainable Innovative Technologies, University of Ljubljana, Slovenia

Setting the Scene

Ola Erstad, Member of the Science Europe Scientific Advisory Committee, Head of Department of Education, Oslo University, Norway

Symposium Overview and Objectives

Mariachiara Esposito, Senior Scientific Officer, Science Europe

14.15–15.15 **Session 1 – Fundamental Research: Intrinsic Value and Long-term Societal Impact**

CHAIR

Susanne Siebentritt, Vice-Chair of the Science Europe Scientific Advisory Committee, Physics Professor and Head of the Laboratory for Photovoltaics at the University of Luxembourg

KEYNOTE

Rosalinde van der Vlies, Head of Unit Evaluation, DG Research and Innovation, European Commission

CASE STUDIES

Unexpected Impact of Acoustics on European Cultural Identity

Marc Leman, Professor in Systematic Musicology and Director of IPEM, Ghent University, Belgium

Early Research on Privacy Made the Internet of Things Possible: the Case of Smart Meters

Simone Fischer-Hübner, Full professor at the Department of Computer Science at Karlstad University, Sweden

RAPPORTEUR

Sven Stafström, Director General of the Swedish Research Council

Questions & Answers

15.15–15.45 Coffee Break

15.45–16.45 **Session 2 – Translational Research and Co-creation of Knowledge: Shaping Mutual Trust between Scientists and Society**

CHAIR

Igor Emri

KEYNOTE

Mark Ferguson, Chief Scientific Adviser to the Government of Ireland and Director-General of the Science Foundation Ireland

CASE STUDIES

The iWater Project: Research and Society Co-designing a Monitoring System for Cities' Water Supply
Georgia Destouni, Professor of Hydrology and Head of Department of Physical Geography at Stockholm University, Sweden

Nano-encapsulation: a Method for Maximising Health Benefits from Medicinal Plants and Agro-food by-products

Eduardo Rosa, Full Professor at the Department of Agronomy at the University of Trás-os-Montes and Alto Douro, Portugal

RAPPORTEUR

Wolfgang Ertmer, Vice-President of the German Research Foundation

Questions & Answers

16.45–17.30

Session 3 – How to Assess the Societal Value of Science

CHAIR

Mireille Chiroleu-Assouline, Professor at the University of Paris 1 Panthéon-Sorbonne, France

PRESENTATIONS

Position Statement on the Societal Value of Science by the Science Europe Working Group on Research Policy and Programme Evaluation

Jordi Molas-Gallart, Chair of the Science Europe Working Group on Research Policy and Programme Evaluation, Spanish National Research Council

Tracing the Generation of Value: the Case of ASIRPA

Pierre-Benoit Joly, French National Institute for Agricultural Research

RAPPORTEUR

Andres Koppel, Head of the Estonian Research Council

Questions & Answers

17.30–18.00

Roundtable Discussion

CHAIR

Michael Matlosz, President of Science Europe

SPEAKERS

Understanding and Communicating the Value of Research: Building Trust and Sharing Responsibilities

- **Keith Sequeira**, Senior Adviser at the Cabinet of Carlos Moedas, European Commissioner for Research, Science and Innovation
- **Elena Celledoni**, Member of the Science Europe Scientific Advisory Committee, Professor of Mathematics at the Norwegian University of Science and Technology in Trondheim, Norway
- **Sven Stafström**, **Wolfgang Ertmer**, **Andres Koppel**, Rapporteurs from Sessions 1–3

18.15–20.00

Science Europe Reception

Metropole Hotel, Bar Le 31