

# Impact of Science 2016

*Governmental and institutional methods  
to advance the societal impact of science*

*9 and 10 June 2016  
Amsterdam*

Organised by

## AESIS

NETWORK FOR  
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE

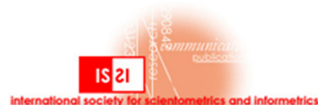


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# ADVANCING THE SOCIETAL IMPACT OF SCIENCE

*“I don’t know what’s the use of this, Sir, but someday you will tax it”*  
Michael Faraday to Prime Minister Robert Peel, when inquired after the utility of his work

The source of this quote from the inventor of the first power generator is unclear, but all scientists will recognise the tension behind it. Both politicians and scientists would like to match their frameworks for accountability to society. When discussing the societal impact of science some policymakers seem to prefer to raise the societal impact *on* science, where the societal impact *of* science should be the central goal. Science policymakers feel a need to understand how their policies influence the impact of science on society. A professional view on (implementing) these matters is the subject of the “Impact of Science 2016” conference.

**The AESIS Network** is convinced that advancing the societal impact:

- can only be robust based on a well balanced insight on how the impact of science on society can be measured;
- should investigate the impact of the humanities, the social sciences and the hard sciences in one comparable approach for accountability;
- should preferably include both the societal impact of scientific research and university education.

**The Impact of Science 2016 conference** will evaluate methods and best practices around the world on:

- governmental policies to stimulate the societal impact of science;
- implementing new impact strategies for universities and research institutes;
- output indicators for the societal impact of science;
- supporting the societal interaction with research institutes;
- defining the balance between societal input on– and societal output of science.

## **Pre-conference on the impact of EU research funding**

On the day preceding the main conference, **Wednesday June 8th**, a seminar will take place on the topic *‘impact of EU research funding’*. Both Horizon2020 and the EIT are near a midterm review, which is an excellent opportunity to discuss the impact such programmes have on society and how that can be raised. What is the synergy between national and European programmes in this context, and how can that be improved? Attendees will gain insight on how this may lead to new European impact strategies and evaluation practices.

We are looking forward to meeting you in Amsterdam!



# Programme

## ‘Impact of Science 2016’

### Thursday 9 June

08.30-09.00	Registration	
09.00-09.10	Welcome by the chairman of the conference - Prof. <b>Paul Boyle</b> , President and Vice-Chancellor of the University of Leicester, former Chief Executive of the UK Economic and Social Research Council (ESRC) and former President of Science Europe	
09.10-10.30	I Institutional & governmental policies to optimise the societal impact of science	
	<p>Knowledge Institutes:</p> <p>Prof. <b>Koenraad Debackere</b>, General Manager of KU Leuven, Belgium, and Chairman of the AESIS Network</p> <p>Prof. <b>Daniel Zajfman</b>, President of the Weizmann Institute of Science, Israel</p> <p>Policy makers:</p> <p><b>David Sweeney</b>, Director Research, Education and Knowledge Exchange at Higher Education Funding Council for England (HEFCE)</p> <p><b>David Goldston</b>, Director Government Affairs for the Natural Resources Defense Council, former Chief of staff on the House Science, Space and Technology committee, USA</p> <p>Prof. <b>Louise Gunning</b>, Chair of the Dutch National Research Agenda (<i>Nationale Wetenschapsagenda</i>), former Dean and President of the University of Amsterdam</p>	
10.30-11.00	Panel Discussion	
11.00-11.30	Coffee break, including group picture	
11.30-12.45	II Assessing the impact of Science:	
	National policies — Main room —	Internal accountability — Cinema room —
	<p><i>How can national policies enhance the societal Impact of Science and what can they do to substantiate this impact?</i></p> <p>Chair: Prof. <b>Barend van der Meulen</b>, Head of Science System Assessment, Rathenau Institute &amp; Professor of Evidence for Science Policy at Leiden University, the Netherlands</p> <p>Speakers: <b>Erik Arnold</b>, Co-founder and Chairman of the Technopolis Group and Professor in International Innovation Policy at the University of Twente, the Netherlands</p> <p><b>Jesper W. Simonsen</b>, Executive Director at the Division for Society and Health, Research Council of Norway</p>	<p><i>What can universities and Research Councils do to create more detailed insight in the “Impact-performance” from their researchers?</i></p> <p>Chair: Sir <b>Ian Diamond</b>, Chair at Research Policy Network at UUK, Vice-Chancellor at the University of Aberdeen , UK</p> <p>Speakers: <b>Coenraad Krijger</b>, Director Policy Development and Support at the Netherlands Organisation for Scientific Research (NWO): <i>Standard Evaluation Protocol and accountability at Dutch institutions</i></p> <p><b>Rosette S’Jegers</b>, Secretary-General at Flemish Interuniversity Council, Belgium</p>
	Research information systems — Salon —	
	<p><i>What can Research Information Systems contribute to more structured insight of the “Impact-performance” of research groups or institutes?</i></p> <p>Chair: <b>Jan Andersen</b>, Senior Executive Advisor at Technical University of Denmark and Board Member at the European Association of Research Managers and Administrators</p> <p>Speakers: <b>John Walker</b>, Director of Strategy, Elsevier Research Intelligence, the Netherlands</p> <p><b>Laura Fedorciow</b>, Founder and Managing Director of Vertigo Ventures, UK</p>	
12.45-13.45	Lunch	

# Programme

## ‘Impact of Science 2016’

### Thursday 9 June

13.45-15.00	III Generating more impact:	
Interactive research programming — Cinema room —	Knowledge Exchange Offices — Salon —	Societal impact of academic education — Main room —
<p><i>How can public research organisations enhance the impact of their research through a more interactive way of programming the research with their stakeholders?</i></p> <p>Chair: <b>David Goldston</b>, Director Government Affairs for the Natural Resources Defense Council, former Chief of staff on the House Science, Space and Technology committee, USA</p> <p>Speakers: <b>Ernst van den Ende</b>, Director Plant Sciences Group and Board member Top-sector Horticulture, the Netherlands</p> <p><b>Richard Gordon</b>, Chief Executive at Landcare Research, New Zealand</p>	<p><i>Recently, many TTO's have turned into "knowledge exchange offices". Are they now serving society at large instead of selling technologies to companies?</i></p> <p>Chair: <b>Jeff Skinner</b>, Executive Director of the Deloitte Institute of Innovation and Entrepreneurship, London Business School, former President at the European Technology Transfer Association (ASTP-PROTON)</p> <p>Speakers: <b>Alison Campbell</b>, Director at Knowledge Transfer Ireland</p> <p><b>Špela Stres</b>, Head of the Center for Technology Transfer and Innovation at Jožef Stefan Institute, Slovenia</p>	<p><i>Traditionally, Impact of Science focusses on research. How can universities demonstrate the societal impact of its education, inspired by the "Teaching Excellence Framework (TEF)" started in the UK?</i></p> <p>Chair: <b>David Sweeney</b>, Director Research, Education and Knowledge Exchange at Higher Education Funding Council for England, UK</p> <p>Speakers: <b>Sean Ryan</b>, Head of STEM at the Higher Education Academy, UK</p> <p>Prof. <b>Emile Aarts</b>, Rector Magnificus at Tilburg University, the Netherlands</p>
15.00-15.30	Coffee break	
15.30-17.00	IV From assessing to advancing the societal impact of science	
15.30-15.45	<b>John Walker</b> , Director of Strategy, Elsevier Research Intelligence	
15.45-16.00	<b>Jeff Skinner</b> , Executive Director of the Deloitte Institute of Innovation and Entrepreneurship, London Business School, former President at the European Technology Transfer Association (ASTP-PROTON)	
16.00-16.15	<b>Chairs of Session II and III:</b> Outcomes and conclusions	
16.15-17.00	<p><u><b>Panel discussion (following session outcomes):</b></u></p> <p>Chair: <b>Paul Boyle</b></p> <p>Prof. <b>Emile Aarts</b>, Rector Magnificus at Tilburg University</p> <p><b>Coenraad Krijger</b>, Director Policy Development and Support at NWO</p> <p>Prof. <b>Daniel Zajfman</b>, President at Weizmann Institute of Science</p> <p><b>Jesper W. Simonsen</b>, Executive Director at the Division for Society and Health, Research Council of Norway</p>	
17.00-18.00	Reception	
19.00	Conference dinner at Café Americain	

# Programme

## ‘Impact of Science 2016’

### Friday 10 June

09.00-09.30	<b>Registration</b>		
09.30-09.40	Welcome by the chairman of the conference - Prof. <b>Paul Boyle</b>		
09.40-10.00	<b>Dominique Guellec</b> , Head of Science and Technological Policy at the Organisation for Economic Co-operation and Development (OECD)		
10.00-10.15	<b>Break for session-change</b>		
10.15-11.30	<b>V Parallel sessions</b>		
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center; border: none;"> <b>Social sciences &amp; humanities</b>  — <i>Main room</i> — </td> <td style="width: 50%; text-align: center; border: none;"> <b>Politicians &amp; setting science agendas</b>  — <i>Salon</i> — </td> </tr> </table>	<b>Social sciences &amp; humanities</b> — <i>Main room</i> —	<b>Politicians &amp; setting science agendas</b> — <i>Salon</i> —
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	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> <p><i>Should there be one general approach for all scientific disciplines to advance and demonstrate the societal impact of science? Where can we apply one standard and where do we need to create specialised standards per discipline?</i></p> <p>Chair: <b>Alison Campbell</b>, Director at Knowledge Transfer Ireland</p> <p>Speakers: <b>Teresa Sorde</b>, is replacing prof. <b>Marta Soler</b>, IMPACT-EV Knowledge Management Coordinator and member of the Board of Directors of ORCID</p> <p><b>Sharon Witherspoon</b>, Head of Policy at the UK's Academy of Social Sciences, former Director of the Nuffield Foundation</p> </td> <td style="width: 50%; border: none; vertical-align: top;"> <p><i>To what extent are politicians and policy makers involved in setting science agendas around the world? What are successful approaches and pitfalls?</i></p> <p>Chair: <b>Tobin Smith</b>, Vice President for Policy at Association of American Universities, USA</p> <p>Speakers: Prof. <b>Louise Gunning</b>, Chair of the Dutch National Research Agenda (<i>Nationale Wetenschapsagenda</i>), former Dean and President at the University of Amsterdam</p> <p>Prof. <b>Tateo Arimoto</b>, Deputy Director-General at the Center for Research and Development Strategy, Japan Science and Technology Agency (JST)</p> </td> </tr> </table>	<p><i>Should there be one general approach for all scientific disciplines to advance and demonstrate the societal impact of science? Where can we apply one standard and where do we need to create specialised standards per discipline?</i></p> <p>Chair: <b>Alison Campbell</b>, Director at Knowledge Transfer Ireland</p> <p>Speakers: <b>Teresa Sorde</b>, is replacing prof. <b>Marta Soler</b>, IMPACT-EV Knowledge Management Coordinator and member of the Board of Directors of ORCID</p> <p><b>Sharon Witherspoon</b>, Head of Policy at the UK's Academy of Social Sciences, former Director of the Nuffield Foundation</p>	<p><i>To what extent are politicians and policy makers involved in setting science agendas around the world? What are successful approaches and pitfalls?</i></p> <p>Chair: <b>Tobin Smith</b>, Vice President for Policy at Association of American Universities, USA</p> <p>Speakers: Prof. <b>Louise Gunning</b>, Chair of the Dutch National Research Agenda (<i>Nationale Wetenschapsagenda</i>), former Dean and President at the University of Amsterdam</p> <p>Prof. <b>Tateo Arimoto</b>, Deputy Director-General at the Center for Research and Development Strategy, Japan Science and Technology Agency (JST)</p>
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11.30-12.00	<b>Coffee break</b>		
12.00-13.00	<b>VI Closing panel discussion:</b> <b>To what extent can governments effectively raise the societal impact of science?</b>		
12.00-12.15	<b>Session Chairs:</b> Outcomes and conclusions.		
12.15-13.00	<p><b>Panel discussion (following session outcomes):</b></p> <p>Chair: <b>Paul Boyle</b></p> <p>Prof. <b>Tateo Arimoto</b>, Deputy Director-General at the Center for Research and Development Strategy, Japan Science and Technology Agency (JST)</p> <p><b>Dominique Guellec</b>, Head of Science and Technological Policy at the Organisation for Economic Co-Operation and Development (OECD)</p> <p>Prof. <b>Louise Gunning</b>, Chair of the Dutch National Research Agenda (<i>Nationale Wetenschapsagenda</i>), former Dean and President at the University of Amsterdam</p> <p><b>Tobin Smith</b>, Vice President for Policy at Association of American Universities</p>		
13.00-14.00	<b>Lunch</b>		
14.00-15.30	Meeting of the Network for Advancing and Evaluating the Societal Impact of Science (AESIS)		

## GENERAL INFORMATION

**DATE** Thursday 9 June 2016 (09:00-18:00)  
Friday 10 June 2016 (09:00-13:00)

**LOCATION** De Balie  
Kleine-Gartmanplantsoen 10  
Amsterdam, the Netherlands  
(next to the famous Leidseplein)



**LANGUAGE** English

**REGISTRATION** All participants who wish to attend the conference must register in advance. Participants are requested to complete the Registration Form on the website (see below). A letter of confirmation will be sent to you upon completion of the registration; further information will follow in due course. Registrations will be handled in order of receipt.

**REGISTRATION FEE** The standard registration fee for participation in the conference is € 475,- (excl. 21% VAT). The registration fee includes access to the conference as well as extended conference documents, lunch and refreshments. It does not include participation in the conference dinner. **The fee must be paid in advance.**

**CANCELLATION** In case you are unable to attend the conference, a substitute delegate is welcome to attend without extra charge if we are informed in writing in advance who the substitute will be. Should you cancel before May 22nd, an administration fee of € 95,- (excl 21% VAT) will be charged. Please note that **no refunds are possible after May 22nd** and that cancellations always have to be in writing.

**CONFERENCE DINNER** Exclusively for conference attendees, speakers and partners we organize a conference dinner on Thursday 9 June. The cost is € 60,- (excl. 21% VAT).

**PAYMENT** You will receive a digital invoice upon registration. Payments have to be made in Euro and free of all bank and other charges. Personal or company cheques are not accepted.

**MORE INFORMATION & REGISTRATION** <http://aesisnet.com/event/impact-of-science-2016/>

**TWITTER HASHTAG** #IoS16

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