



**ESOF**  
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EuroScience Open Forum 2018

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Toulouse, France

**SCIENCE PROGRAMME**

TEMPORARY LIST OF THE ACCEPTED SESSIONS

(full list & speakers to be updated soon)

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## A DIGITAL WORLD



Title	Submitter	Submitter's organisation
<b>Connected dolls and tell-tale teddy bears: how to manage the Internet of Toys</b> <i>Interactive round table</i>	Nina Kajander	European Commission - Joint Research Centre
<b>Big data and the future of democracy: How can people hold analytics and algorithms to account?</b> <i>Interactive round table</i>	Nina Kajander	European Commission - Joint Research Centre
<b>Ethical Issues Implied by Autonomous Machines</b> <i>Interactive round table</i>	Gabriel Ganascia	University Pierre and Marie Curie
<b>Future smart society: Challenges and opportunities for people, jobs and technologies</b> <i>Traditional panel discussion</i>	Yosuke Takashima	Japan Science and Technology Agency
<b>Going digital - supporting the sustainable development goals</b> <i>Traditional panel discussion</i>	Vinny Pillay	South African department of Science and Technology (South African embassy)
<b>International sharing and protection of medical and associated data – Can we harmonize regulatory policies to facilitate medical research across the globe?</b> <i>Traditional panel discussion</i>	Kazuto Kato	Graduate School of Medicine, Osaka University
<b>Ethics and the use of new forms of (on line and personal) data for research</b> <i>Traditional panel discussion</i>	Carthage Smith	Global Science Forum, OECD
<b>Digital by design: science and innovation policymaking in an era of digital government</b> <i>Traditional panel discussion</i>	Michael Keenan	OECD
<b>The case for the science cloud</b> <i>Traditional panel discussion</i>	Monica Dietl	Science   Business Publishing Ltd.
<b>Ethics, Social Values and Artificial Intelligence : the case of social networks</b> <i>Workshop</i>	Thibault de Swarte	IMT Atlantique

## FRONTIER RESEARCH AND EXPLORING EXTREMES



Title	Submitter	Submitter's organisation
<b>Going to Extremes. Microbes from “unusual” environments come to the aid of society</b> <i>Interactive round table</i>	Aurelio Hidalgo	Universidad Autónoma de Madrid
<b>What’s next for particle physics? The LHC, and beyond</b> <i>Interactive round table</i>	Arnaud Marsollier	CERN - European Organization for Nuclear Research
<b>Exoplanets: The search for planets beyond our solar system</b> <i>Traditional panel discussion</i>	Tajinder Panesor	The Institute of Physics
<b>Opening the window to the first stars</b> <i>Traditional panel discussion</i>	Tajinder Panesor	The Institute of Physics
<b>Challenges and Promises of Synthetic biology</b> <i>Traditional panel discussion</i>	Alessandra Ferrari	European Research Council Executive Agency-ERCEA
<b>Catalysis as efficient tool for eluding the greenhouse effect: transforming CO2 into sustainable chemicals</b> <i>Traditional panel discussion</i>	Montserrat Gomez	Laboratoire Hétérochimie Fondamentale et Appliquée, CNRS - Université de Toulouse 3 - Paul Sabatier
<b>Quantum technologies: a chance for women to take their place in science?</b> <i>Traditional panel discussion</i>	Ralph Stübner	COST Association
<b>The search for Dark Matter and its implications for our understanding of the Universe</b> <i>Traditional panel discussion</i>	Terry O'Connor	Science and Technology Facilities Council
<b>Growing mini-organs on a petri dish: myth or reality</b> <i>Traditional panel discussion</i>	Mariam Benjdia	European Research Council Executive Agency

<b>Flying with the ERC amidst atmospheric particles to understand their impacts on climate and health</b> <i>Traditional panel discussion</i>	Nicolas Sifakis	European Research Council
<b>Tiny But Mighty: Neutrinos and the New Frontiers of Science</b> <i>Traditional panel discussion</i>	Katie Yurkewicz	Fermilab
<h2>GLOBAL CHANGE: CHALLENGES AND OPPORTUNITIES</h2> 		
<b>Title</b>	<b>Submitter</b>	<b>Submitter's organisation</b>
<b>Resilience and adaptation of forest social-ecological systems in the context of global change</b> <i>Innovative format</i>	François Lefèvre	INRA
<b>Mapping the world's most precious resource</b> <i>Innovative format</i>	Nina Kajander	European Commission - Joint Research Centre
<b>COURAGE</b> <b>An interdisciplinary dance science performance debate about sustainable futures</b> <i>Innovative format</i>	Gloria Benedikt	International Institute for Applied Systems Analysis (IIASA)
<b>Let's talk rubbish: creating value from crop and food waste.</b> <i>Traditional panel discussion</i>	Elsbeth Bartlet	BioVale
<b>Science in the Sustainable Development Goals: Where science advice meets science diplomacy</b> <i>Traditional panel discussion</i>	Peter Gluckman	Office of the Prime Minister's Chief Science Advisor, New Zealand
<b>New Approaches to Tracking Climate Change</b> <i>Traditional panel discussion</i>	Claire McNulty	National Geographic Society
<b>Assessing and optimizing the societal value of Research Infrastructures</b> <i>Traditional panel discussion</i>	Frédéric Sgard	Global Science Forum, OECD
<b>Plastic pollution in the ocean: the solution from the civil society</b> <i>Traditional panel discussion</i>	Alexandra Ter Halle	CNRS-IMRCP
<b>Wine and global change : the challenge of economic globalization and new wine cultures</b>	Michaël Pouzenc	LISST University of Toulouse



## HEALTH IN OUR SOCIETIES



Title	Submitter	Submitter's organisation
<p><b>My health, my data?</b>  <b>A role-playing game to get to grips with the issues surrounding the (re)-use of health data</b>  <i>Innovative format</i></p>	Alessandra Paccamiccio	Innovative Medicines Initiative (IMI)
<p><b>Fetal Therapy by Fetoscopy : New Treatment and Ethical View</b>  <i>Innovative format</i></p>	Marion Groussolles	CNRS, Inserm & Université Toulouse III Paul Sabatier, UMR 1027
<p><b>How can public opinion shape the future of genome editing? Why, how, what and when? An experiment in Open Science.</b>  <i>Innovative format</i></p>	Tacita Croucher	Babraham Institute (member institute of the EU Life alliance)
<p><b>The values of biomedical innovation</b>  <i>Interactive round table</i></p>	Aurelie Mahalatchimy	Centre for Global Health Policy, School of Global Studies, University of Sussex
<p><b>What would it take to regrow an arm?</b>  <i>Interactive round table</i></p>	Isabelle Kling	European Molecular Biology Laboratory
<p><b>Vaccine and Society : Improve vaccine understanding</b>  <i>Interactive round table</i></p>	Brigitte Autran	Consortium for Research in Vaccines (CoReVac)
<p><b>One Health, for systems-based, integrative approach to sustainable public health</b>  <i>Interactive round table</i></p>	Ioanna Stavridou	COST Association
<p><b>Coverage and Context: a comparative study of responses to and perceptions of neglected tropical diseases</b>  <i>Interactive round table</i></p>	Maria de los Angeles Erazo	'Mundo Sano' Foundation

<b>Advancing Drug Policy Reform: A New Approach To Decriminalisation</b> <i>Pro and con debate</i>	Aidan Gilligan	SciCom - Making Sense of Science
<b>The third millennium surgeon: a robot with artificial intelligence</b> <i>Traditional panel discussion</i>	Anna Grazia Mignani	European Research Council Executive Agency
<b>How to improve the involvement of patients in health research?</b> <i>Traditional panel discussion</i>	Clémentine Schilte	Institut Pasteur
<b>Challenges and benefits of digital technologies for ageing well</b> <i>Traditional panel discussion</i>	Karina Marcus	COST Association
<b>Social Inequality and Health</b> <i>Traditional panel discussion</i>	Katja Patzwaldt	German National Academy of Sciences Leopoldina
<b>Homeopathy: the need for robust evidence to inform consumer choice</b> <i>Traditional panel discussion</i>	Tracey Elliott	EASAC (European Academies Science Advisory Council)
<b>The Magic of Memory - Can brain training techniques help boost memory and improve mental health in later life?</b> <i>Workshop</i>	Charlotte Reid	EC-funded Horizon 2020 project Medit-Ageing
<b>Technological Innovation and Community Based Mental Health Care</b> <i>Workshop</i>	Ellen Decraene	UCSIA

## SCIENCE POLICY & TRANSFORMATION OF RESEARCH PRACTICE



Title	Submitter	Submitter's organisation
<b>Soft hacking Science: Learning from success and failure at the intersection between research and hacker/maker culture.</b> <i>Innovative format</i>	Célya Gruson-Daniel	HackYourPhD, COSTECH, Université Laval
<b>The re-configuration of research and Innovation (R&amp;I): New directions and policy approaches for tackling global change</b>	Matthias Weber	AIT Austrian Institute of Technology

*Innovative format*

<p><b>The Politics of Science: Funding SSH Research around the World</b> <i>Interactive round table</i></p>	Gabi Lombardo	European Alliance for SSH (EASSH)
<p><b>Science diplomacy on the ground: protecting researchers in difficult environments</b> <i>Interactive round table</i></p>	Angela Liberatore	European Research Council Executive Agency
<p><b>Refugees and Higher Education: A discussion of best practices to integrate displaced students and academics in higher education</b> <i>Interactive round table</i></p>	Miguel Antonio Lim	University of Manchester
<p><b>Experiments in responsible metrics: how can we use indicators and data to support open science?</b> <i>Interactive round table</i></p>	James Wilsdon	University of Sheffield
<p><b>Is the current measure of excellence perverting Science? A Data deluge is coming, it is time to act.</b> <i>Interactive round table</i></p>	William Garnier	SKA Organisation
<p><b>Women in science: let's change the world!</b> <i>Interactive round table</i></p>	Claudia Jesus-Rydin	European Research Council (ERC)
<p><b>Responsible Research and Innovation in Transformative Technologies</b> <i>Interactive round table</i></p>	Emad Yaghmaei	Delft University of Technology
<p><b>Supporting long-term research in a world of sudden change: The evolution of research funding in current financial and political contexts</b> <i>Interactive round table</i></p>	Frédéric Sgard	Global Science Forum, OECD
<p><b>Policy Development: Indicators for Researchers' engagement with Open Science and its Impacts</b> <i>Interactive round table</i></p>	Rene Von Schomberg	European Commission DG Research & Innovation, A6
<p><b>Reaching for Openness. Implementation - The Next Step for Open Science</b> <i>Interactive round table</i></p>	Maja Mise	University of Split/Policy Working Group (MCAA)
<p><b>Research Integrity – Funders on the case</b> <i>Traditional panel discussion</i></p>	Sandra Bendiscioli	EMBO
<p><b>Reproducibility – taking stock</b> <i>Traditional panel discussion</i></p>	Federica Rosetta	Elsevier



<p><b>Gender Inclusiveness – A case for cultural change in life sciences</b> <i>Traditional panel discussion</i></p>	Sonja Reiland	Centre for Genomic Regulation
<p><b>How to give credit to scientists for their involvement in collecting, curating and publishing data &amp; samples</b> <i>Traditional panel discussion</i></p>	Fiona Murphy	Murphy Mitchell Consulting Ltd
<p><b>Research integrity &amp; ethics - are we getting it right?</b> <i>Traditional panel discussion</i></p>	Vinny Pillay	South African department of Science and Technology (South African embassy)
<p><b>Assessing and enhancing the social impact of research</b> <i>Traditional panel discussion</i></p>	Mark Ferguson	Science Foundation Ireland
<p><b>Science in Africa - working towards Agenda 2063 &amp; new paradigms in STI partnerships</b> <i>Traditional panel discussion</i></p>	Jean ALBERGEL	IRD
<p><b>Social and Economic Considerations in Building Large-Scale Research Infrastructures</b> <i>Traditional panel discussion</i></p>	David Moorman	Canada Foundation for Innovation
<p><b>Why should we trust science? Evidence-informed policymaking in a hyper-complex world</b> <i>Workshop</i></p>	Nina Kajander	European Commission - Joint Research Centre
<p><b>Climate change does not exist – telling apart facts from fiction in climate reporting</b> <i>Interactive round table</i></p>	Nina Kajander	European Commission - Joint Research Centre

## SHARING KNOWLEDGE



Title	Submitter	Submitter's organisation
<b>Is Science a Humanism?</b> <i>Innovative format</i>	Jean-Patrick Connerade	European Academy of Sciences Arts & Letters
<b>Get out of the Bubble – How Scientific Literacy Can Empower Society</b> <i>Innovative format</i>	Isabella Kessel	Robert Bosch Foundation
<b>PERFORM Participatory Engagement with Scientific and Technological Research through Performance</b> <i>Innovative format</i>	Casimiro Vizzini	UNESCO
<b>What gender and sex is science?</b> <i>Innovative format</i>	Laurence Huc	INRA - ToxAlim
<b>Bridging the Gap Between Experts and the People: Rethinking Science Communication</b> <i>Innovative format</i>	Gero von der Stein	Council for the Lindau Nobel Laureate Meetings
<b>What's at stake in science popularisation? ProustTime as a literature-based experiment in knowledge sharing via transdisciplinarity.</b> <i>Interactive round table</i>	Isabelle Serça	Université Jean Jaurès - Toulouse 2
<b>Has digital media changed the way people feel about science?</b> <i>Interactive round table</i>	Helen Garrison	VA (Public & Science)
<b>Too skeptical or not enough: Cross cultural differences in reporting on emerging technologies</b> <i>Interactive round table</i>	Deborah Blum	Knight Science Journalism Program - MIT
<b>Digital media: opportunities and risks for research</b> <i>Traditional panel discussion</i>	Séverine Ciancia	Traditional panel discussion
<b>The science programme at SESAME - the light source for the Middle East and neighbouring regions</b>	James Gillies	Traditional panel discussion

*Traditional panel discussion*

<b>NextGen SciComm – digital tales from the Nordics</b> <i>Traditional panel discussion</i>	Helen Garrison	VA (Public & Science)
<b>Crossing boundaries between science and history and philosophy of science</b> <i>Traditional panel discussion</i>	Lucie Laplane	CNRS, Universite Paris 1 Panthéon Sorbonne (IHPST)
<b>Fact-checking science (stories)</b> <i>Traditional panel discussion</i>	Deborah Blum	Knight Science Journalism Program - MIT
<b>Evident adaptation of girls to fundamental science and engineering: do they know it? Why are they so few ? how could we reverse this tendency and why ?</b> <i>Traditional panel discussion</i>	Sylvaine Turck-Chieze	Association Femmes & Sciences/ CEA
<b>Equal access to graphical data and consequences on education, social inclusion and quality of life</b> <i>Traditional panel discussion</i>	Christophe Jouffrais	CNRS
<b>Scicomm researchers and science communicators – bridging the divide</b> <i>Traditional panel discussion</i>	Anna Maria Fleetwood	Swedish Research Council
<b>Sharing science through comics</b> <i>Traditional panel discussion</i>	Julie Adam	University of Lorraine
<b>Mathematics, a cutting-edge tool for solving pressing industrial and societal challenges</b> <i>Traditional panel discussion</i>	Katerina Kaouri	Cyprus University of Technology
<b>Deaf people sciences education with innovative numerical tools including Sign Language</b> <i>Workshop</i>	Laure Laffont	GET-UPS
<b>Symposium: ubiquitin family and cancer</b> <i>Workshop</i>	Manuel S Rodriguez	ITAV-CNRS
<b>Biobanking as a Springboard for Open Science. Modelling Systemic Public, Patient and Research Participant Engagement as a Good Practice</b> <i>Workshop</i>	Michaela Th Mayrhofer	BBMRI-ERIC

## SUSTAINABLE CITIES, SUSTAINABLE LIVING



Title	Submitter	Submitter's organisation
<p><b>The making of the sustainable cities: crossovers between environmental planning, the landscape approach and community engaged design to create a shared sense of place.</b> <i>Innovative format</i></p>	Anaïs Leger-Smith	Laboratoire de Recherche en Architecture, Toulouse National School of Architecture, FFP
<p><b>Cooperation: key to deliver energy transition in European urban areas</b> <i>Innovative format</i></p>	Caroline Lapellerie	Toulouse Métropole
<p><b>An effective citizens' participation in environmental stewardship: the Vicenza's study case</b> <i>Interactive round table</i></p>	Jesús Alquézar Sabadie	European Commission, DG Research and Innovation
<p><b>Light beyond Lighting, frontiers in Lighting Technologies: The human-centric intelligent-lighting challenge.</b> <i>Interactive round table</i></p>	Georges Zisis	Université Toulouse 3 - UMR 5213 LAPLACE
<p><b>How blue are our cities? - Lessons in water management</b> <i>Interactive round table</i></p>	Nina Kajander	European Commission - Joint Research Centre
<p><b>Building Tomorrow's Urban Nexus by STI as the Key to Realising SDG Targets</b> <i>Traditional panel discussion</i></p>	Natsuko Kawazoe	Japan Science & Technology Agency
<p><b>"SmartCities of Tomorrow – prepare them today"</b> <i>Traditional panel discussion</i></p>	David Wizel	European Commission - Research Executive Agency
<p><b>How to adapt cities to climate change? From Science to Urban actors.</b> <i>Traditional panel discussion</i></p>	Valéry Masson	Météo-France
<p><b>Urban diabetes: Towards personalized prevention of globesity</b></p>	Aart van der Lely	Erasmus University MC

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*Traditional panel discussion*

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**Big data: uncovering new mobility patterns and redefining planning practices**

Mickael Pero

COST Association

*Traditional panel discussion*

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**Food and nutrition security and agriculture: local and global perspectives and connectivity**

Tracey Elliott

EASAC (European Academies Science Advisory Council)

*Traditional panel discussion*

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**Urban Mining: Dream and realities**

Pierre Aimar

Université de Toulouse

*Workshop*

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## THE USE/MIS-USE OF RESEARCH AND SCIENTIFIC ADVICE



Title	Submitter	Format
<b>Citizen Science and Governments: a match made in heaven or an inflammable relationship?</b> <i>Interactive round table</i>	Mafalda Quintas	COST
<b>Stem Cells, the Right to Try and Misuse and Mistrust of Scientific Evidence and Regulation</b> <i>Traditional panel discussion</i>	Kirstin Matthews	Rice University
<b>Ethics &amp; Principles of Science &amp; Society Policy-Making: The Brussels &amp; Cape Town Declarations</b> <i>Traditional panel discussion</i>	Aidan Gilligan	SciCom - Making Sense of Science
<b>Ensuring the quality and usefulness of science advice to policymakers in times of crisis</b> <i>Traditional panel discussion</i>	Carthage Smith	Global Science Forum, OECD
<b>Is it possible to define European values in discussions of Ethics of Sciences and New Technologies?</b> <i>Workshop</i>	Pere Puigdomenech	Centre for Research in Agricultural Genomics

## UNDERSTANDING DIVIDED SOCIETIES



Title	Submitter	Format
<b>Trusting science in an age of turmoil – Survey results from European countries</b> <i>Traditional panel discussion</i>	Ricarda Ziegler	Wissenschaft im Dialog

<b>A society for all? From prejudice and discrimination to social inclusion in a globalized world</b> <i>Traditional panel discussion</i>	Christin-Melanie Vauclair	CIS-IUL, ISCTE-IUL
<b>Meeting Societal Challenges: Solving the Gender Paradox in Academia</b> <i>Traditional panel discussion</i>	Eivind Sætre	NordForsk

## OTHERS



Title	Submitter	Format
<b>Arising awareness of Integrity in scientific research</b> <i>Traditional panel discussion</i>	Jean-Pierre Alix	Euroscience governing board and MURS
<b>Gender imbalance in STEM fields: why do girls ignore computer science?....</b> <i>Workshop</i>	Florence Sèdes	IRIT - Paul Sabatier Toulouse III University
<b>Plastic pollution in the ocean : environmental perspectives</b> <i>Traditional panel discussion</i>	Matthieu Mercier	CNRS-IMFT, University of Toulouse
<b>Big science in support of development: the astronomy approach</b> <i>Traditional panel discussion</i>	William Garnier	SKA Organisation