



Gender Summit[®] 15

2018 London

United in Science and through Science

18–19 June 2018



PROGRAMME



About GS15

The 2018 Gender Summit in London is 15th in the series and the first for London. Like previous events it is led by influential science institutions, with the Science and Engineering South Consortium of leading universities as the principal partner.

GS15 builds on past discussions and recommendations and tackles fresh gender issues, in the context of new concerns such as: Brexit, impact of climate change, addressing societal challenges; opportunities and consequences of digital transformation, the 4th Industrial Revolution; strengthening societal responsibility and relevance of research and innovation; ensuring the success of the UN Sustainable Development agenda; and managing the interactions between scientific, political and policy agendas in a rapidly changing world.

Programme Format and Outline

The two day programme is organised under the theme: *“United in Science and through Science”*, and includes a mixture of keynotes, plenary panel sessions, and parallel sessions, as well as a poster exhibition, professional networking activities, and interlinked public engagement side-events. Speakers include world renown researchers, leaders in innovation, influential policy makers, and champions of evidence-led sustainable, socio-economic development. The goal is to use the ‘gender lens’ to identify gaps in knowledge, new applications for existing knowledge, discoveries that create new opportunities for innovation, and show how to achieve cross cutting benefits. The main themes are:

- Opportunities and methodologies for novel interdisciplinary and cross-sector collaborations, e.g. for more effective health treatment design and use; development of resilient and nutritious food crops; improved mobility and safety of infrastructures; better governance and use of technological systems;
- Measuring and monitoring research performance, quality, and impact, e.g. assessing excellence through better statistics, indicators and benchmarks; enabling systematic and systemic organisational change; creating stronger scientific human capital;
- Integrating the values of inclusion and sustainability into research and innovation agendas, and in projects, e.g. to support the UN call *“leave no one behind”*; to ensure ecosystem-level awareness of impact; to advance technologies and interventions that produce positive spill-over effects;
- Strengthening co-operation between key actors in and outside the science landscape, e.g. between science publishers and research funding agencies to improve peer review process; between universities, governments, and research funders to improve working conditions for researchers; between research and development communities to achieve SDG targets; and between technology executives and Civil Society to improve understanding of what society expects from innovation;
- Connecting the reality of the UN Sustainable Development targets with the vision of technology driven future to prevent digital inequality between the Global North and the Global South, and as an opportunity to advance practical approaches to *“open science”* and *“open innovation”*; and
- Science knowledge making and application in the context of political and policy drivers, e.g. international scientific collaborations and mobility of researchers after Brexit; societal expectations, responsibility and relevance of research and innovation; ensuring wellbeing of natural environment as part of economic progress; focusing innovation on the needs of the poorest and most overlooked groups in society.

About Science and Engineering South Consortium

The Science and Engineering South Consortium brings together the universities of Oxford, Southampton, King’s College London, Queen Mary University of London, University College London and Imperial College London, creating the most powerful hub of research-intensive universities in the UK. Our members invest in high quality science, essential for the sustained development of world-leading research that makes a positive difference to the UK economy, our wellbeing and to the world around us. We are united in our commitment to embed diversity, inclusion and equality at our institutions and in our research.

Day One –18th June 2018

08:00 – 09:00	Arrivals, registration, networking
09:00 – 09:15	Welcome Sarah Guerra, Director Diversity and Inclusion, King's College
09:15 – 10:00	Keynotes <i>The Myth of Pink and Blue Brain</i> Lise Eliot, The Chicago Medical School of Rosalind Franklin University of Medicine & Science
10:00 – 11:15	Plenary 1: When sex matters for human and non-human species: the role of basic biology This session will look at sex and gender from the perspective of the differences observed at a basic biological level to explain how and why such differences can impact on outcomes but also how they can be used to ask new questions, test existing theories, improve quality of research outcomes, and promote new markets for science knowledge. <i>Moderator: Ann Le Good, Nature Communications</i> <i>The genetics of human complex traits, and what it means for diagnostics and things like 'precision' and 'personalised' medicine</i> Barbara Stranger, University of Chicago, USA <i>How to be sure what sex your cells are: Cell DB with sex description</i> Hee Young Paik, Gendered Innovations in Science and Technology Research (GISTeR), South Korea <i>Does sex really matter? Explaining intra-species variation in ocean acidification responses</i> Robert Ellis, University of Exeter
11:15 – 11:45	Coffee, Networking, Exhibition
11:45 – 13:15	Plenary 2: Rethinking risk and resilience: challenging accepted theories This session examines how sex/gender differentiate the human experience and assessment of risk in different contexts, and if we need to revise the theories and models used to appreciate the full impact of the decisions made. <i>Moderator: Maryse Lassonde, Scientific Director Fondes de Recherche Nature et Technologie (FRQNT), Canada</i> <i>Responsible AI: free from (human) bias, unfairness and discrimination</i> Natalia Criado Pacheco, King's College London <i>Gendered findings on radiation and the community that uses radiation daily</i> Mary Olson, NIRS, USA <i>Engendering the Environment for Health Protection</i> Katrin Groth & Arn Sauer, German Federal Environmental Agency <i>Understanding the role of SDG5 within a network of SDG interactions for best use of resources</i> Jonathan Dawes, Institute for Mathematical Innovation, University of Bath <i>Gender dimension in environmental sciences</i> Giuliana Rubbia - Istituto Nazionale di Geofisica e Vulcanologia, Italy
13:15 – 14:00	Lunch, networking, exhibition
14:00 – 15:30	Plenary 3: Statistics, indicators and evidence for effective policy design and implementation This session introduces new evidence and new advances in developing and harmonizing efforts to collect statistical information and methods for calculation and interpretation of statistical indicators of gender equality in research and innovation. <i>Moderator: Jane English, Head of Department, Cape Town University, South Africa</i> <i>The statistical and policy role of EU She Figures, and of MORE and MORRI Surveys</i> Ana Arana Antelo, EU Commission, Research & Innovation Head of Unit for Science & Society <i>Policy impact of the SAGA project: lessons from roll-outs</i> Ernesto Polcuch, Chief of Section for Science Policy and Partnerships in the Natural Sciences Sector of UNESCO <i>Doing gender mainstreaming the feminist way</i> Fredrick Bondestam, Head of Operations, Research Coordinator, Swedish Secretariat for Gender Research, Sweden. <i>Advancing gender and STEM statistics for the LAC countries</i> Charlotte Guillard, Strasbourg University and UNU-MERIT <i>The Global Research Council: Commitment to Equity and Integration of Gender Dimension in Research</i> Roshni Abedin, UKRI (TBC)

Day One –18th June 2018 (Continued)

15:30 – 16:00 **Coffee, Networking, Exhibition**

16:00 – 17:30 **Plenary 4: Leadership: Re-evaluating the meaning of leadership for excellence and effectiveness in science**

Good science requires good leadership. This session will ask what leadership means today to individuals, to institutions, to scientific fields and to society.

Moderator: Alison Wall, UKRI-EPSRC

Effective research and professorial leadership

Linda Evans, Manchester University

Leadership in Open Science: overcoming gender and structural inequalities

Rana Dajani, Hashemite University

The importance of understanding the experiences of those we lead

Stephen Curry, Imperial College London

The challenges of leading projects with diverse disciplines and stakeholder interests

Roxana Carare, University of Southampton

17:30 – 19:00 **Reception**

Day Two –19th June 2018

08:30 – 09:00 **Arrivals, registration, networking**

09:00 – 09:45 **Plenary 5: The mission, impact and future of the Gender Summit**

Since it was established in 2011, the Gender Summit has migrated from Europe to different global regions, and has influenced local gender discourse in science, and led to new actions and initiatives, including a 7000 strong global community of gender experts and practitioners

Why the perils of not having female crash test dummies epitomise the Gender Summit mission

Elizabeth Pollitzer, Portia

The transformation of gender attitudes in STEM in Japan

Miyoko O. Watanabe, Deputy Executive Director, Japan Science and Technology Agency (JST); Director, Office for Diversity and Inclusion, JST, Japan; Chair, Gender Summit 10 Asia-Pacific

Singapore as host of the next Gender Summit - Asia Pacific

Vandana Ramachandran, Institute of Medical Biology and Lakshmi Ramachandran, Mechanobiology Institute, Singapore

Advancing the mission of the Gender Summit – Africa through partnership with the Next Einstein Forum

Dorothy Nyambi, African Institute for Mathematical Sciences, Rwanda

The importance of plurality: reflections on GS11-NA

Maryse Lassonde, Scientific Director Fondes de Recherche Nature et Technologie (FRQNT), Canada

09:45 – 11:15 **Plenary 6: Changing attitudes and cultures in organisations**

This session looks how gender equality is being pursued by key actors and stakeholders in science endeavours, at regional, national and sectoral levels, and what lessons are there for policy makers and institutions.

Moderator: Nick Perkins, CABI

Working with Gender Equality at NordForsk

Arne Flåøyen, Director NordForsk, Norway

Progress on gender equality in research and innovation in Germany

Christina Hadulla-Kuhlmann, Federal Ministry of Science and Education

Towards gender balance in mining

Jean E. Des Rivières, V-P Exploration, BHP, Chile

Transforming the role of science publishers and scientific information providers

Ron Mobed, CEO, Elsevier, The Netherlands

Gender diversity on boards in the UK: Are we making progress?

Elena Doldor, Queen Mary University of London, UK

11:15 – 11:45 **Break, Networking, Exhibition**

Day Two –19th June 2018 (Parallel Sessions)

11:45 – 13:15

Parallel 1: Best Practice from different programmes and projects
Moderator: Lotta Strandberg, NordForsk, Norway
 • *What makes a great research team*
Joerg Muller, Coordinator GEDII project
Anne Laure Humbert, GEDII project
 • *Funders fostering gender equity*
Sonja Ochsenfeld-Repp, Director, Quality and Programme Management, DFG
 • *Interventions to advance equality, diversity, and inclusion in ICT*
Nigel Birch, EPSRC, UK
 • *A Global Approach to Gender Gap in Science*
Francesca Primas, European Organisation for Astronomical Research in the Southern Hemisphere
 • *The PLOTINA Gender Equality Plan at the University of Bologna*
Angela Balzano, Università di Bologna, Italy

Parallel 2: Fair and systematic scholarly peer review
Moderator: Hans Borchgrevink, Portia
 • *Gender dependent homophily in academic reviewing*
Andreas Neef, Head of the Research Group “Biophysics of neural computation” at the Bernstein Center for Computational Neuroscience, Göttingen
 • *The importance of gender balanced editorial teams*
Catriona Fennell, Director of Journal Services, Elsevier
 • *Measuring the Impact of Gender Equality on the Innovation System*
Clemens Stribling, IAO, Fraunhofer, Germany
 • *The Catch 22 of gender differences in research funding*
Michael Head, University of Southampton, UK
 • *The reversal of relative performance at the end as opposed to the start of the university career*
Matthias Parey, University of Essex, UK

Parallel 3: Research for SDG targets
Chair: Yann Schemm, Elsevier Foundation
 • *Equity in Engineering*
Renetta Garrison Tull, JUMBC, USA
 • *Human scientific talent Africa*
Stanley Maphosa, ASSAF, South Africa
 • *The knowledge of plants and crops - helping those who need it and learning from them*
Julien Lamontagne-Godwin, CABI, UK
 • *Improving public communication and engagement in food security science*
Silvia Silvestri, CABI, Kenya
 • *Knowledge, attitudes and practice of FGMC among women*
Bola Grace, Institute for Women’s Health Sciences, UCL, UK
 • *Assessing the perceived role of women in impacting positively the attainment of the Sustainable Development Goals*
Nnenna Eluwa, Walden University, Nigeria

Parallel 4: GEPs Tools from Physicists for Physicists and for Others
 • *Why is Physics Different?*
Thomas Bergoefer, DESY, Germany
Sveva Avveduto, CNR, Italy
Claartje Vinkenburg, Portia, UK
Meytal Eran Jonas, Weizmann, Israel
Sandra Hesping, NWO, The Netherlands
 • *The journey of doing GE(P) in Physics*
 • *GENERA products and publications*
 • *Sustainability: GENERA network/community of practice*
 • *Important lessons and achievements to help others*

13:15 – 14:00 Lunch, exhibition, networking

14:00 – 15:30

Parallel 5: Improving quality of impact
Chair: Carlotta Arthur, Programme Director, Luce Henry Foundation, USA
 • *Unexpected impacts of social policy on health: the Life Path project*
Emilie Courtin, Kings College London
 • *Gender as Success Criterion in Innovative User-centered Prevention Measures*
Sabine Oertelt-Prigione, Radboud University in Nijmegen, The Netherlands
 • *‘Female Psychology’ – A New Vision for Women’s Mental Health*
Sergio A. Silverio, University College London
 • *Why research into boys, young men and masculinities in schooling tends to miss out on the body*
Omar Kaissi, University of Manchester
 • *The (mis)interpretation of forensic science evidence*
Ruth Morgan, Centre for the Forensic Science, University College London

Parallel 6: Improving the scope and reliability of evidence
Chair: Nigel Birch, EPSRC, UK
 • *The unique ASSET Survey: what it tells us about academic work and life*
Amanda Aldercotte, Acting Research Manager, Equality Challenge Unit, UK
 • *Non-cognitive psychological variables of gender inequalities in STEM education*
Camille McKayle, Angelique Tucker Blackmon and Robert Stolz, University of Virgin Islands, US Virgin Islands
 • *Can you be it if you don’t see it? Women in Physics*
Yvonne Kavanagh, Institute of Technology, Carlow, Ireland
 • *Self-assessment of the progress of Gender Equality Paris – Introduction of the PLOTINA online monitoring tool*
Nela Salamon, ZSI-Zentrum für Soziale Innovation Austria
 • *Community of practice – a key factor of a reflexive gender equality policy*
Angela Wroblewski, IHS, Austria

Parallel 7: Constructing better inclusion and advancement conditions
Chair: Wendy Hansen, GENERA
 • *Unanticipated consequences of gender equality actions/programmes*
Chariklaia Tzanakou, University of Warwick, UK
 • *Women choice of STEM careers and expectations in an emerging economy*
Maria Oliveros, Universidad Autonoma de Baja California, Mexico
 • *A role model database to support mobility and networking*
Gianna Avellis, Marie Curie Alumni Association
 • *Advancing gender balance and diversity in an intergenerational organisation*
Catherine Gater, EMBL-EBI, UK
 • *Creating safe spaces: the experience of the “Social Spaces for Egalitarian Participation in Education” project*
Dr. Andrea Bramberger, Pädagogische Hochschule Salzburg, Austria (presented by Kate Winter)
 • *Advancing STEM Women in Academic Leadership*
Kate Winter, Kate Winter Evaluation LLC, USA

Parallel 8: Changing attitudes and perceptions
Chair: Hee Young Paik, GISTeR, S.Korea
 • *Effects of special STEAM programme on gifted young girls*
Manabu Sumida, Ehime University, Japan
 • *Will the artificial mind have no gender?*
Siyeon Lee, Gwangju Institute of Science and Technology, Republic of Korea
 • *Through the Looking Glass: Science Explorer Modules as a communication approach to promote STEM careers*
Mark Ivan Roblas, Science and Education Institute, Philippines
 • *Intersectionality as responsibility: approaches to diversity in the Human Brain Project*
Tyr Fothergill, Human Brain Project, De Montfort University
 • *Gender diversity and inequality in, and through the lens of, economics*

Giulia Porino, MinervaLab, Università di Roma

15:30 – 16:15

Plenary 7: Reports from parallel sessions

16:15 – 17:30 Closing Keynote and Refreshments

Thank you to our partners and sponsors for making GS15 London possible !



KEEP UP TO DATE !



Subscribe to the newsletter via <https://gender-summit.com>

Follow us on Twitter via @gendersummit

Gender Summit® was founded by Portia. For more information on Portia, our goals and activities, please visit our website at <https://portiaweb.org.uk>.