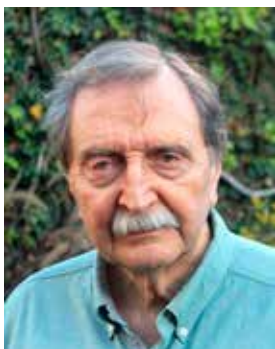


SCIENCE & POLICY MAKING

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Carlos ABELEDO

Director of the Graduate Program in Science and Technology Policy, University of Buenos Aires

Carlos Abeledo is currently Professor of Science Policy and Director of the Graduate Program in Science and Technology Policy at the University of Buenos Aires. He obtained a degree in physical chemistry at the University of Buenos Aires in 1957 and a Ph.D. in Chemical Physics at Northwestern University 1961. From 1961 to 1976 he has been a faculty member at the University of Buenos Aires, University of Chile and Brandeis University. Between 1984 and 1989 he was president of CONICET, the Argentinian National Council of Scientific and Technological Research. From 1991 to 1997 he was a science and technology specialist at the Inter-American Development Bank. He has been a member of the United Nations Advisory Council for Science and Technology for Development and a member of the Executive Council of the "Programa Iberoamericano de Ciencia y Tecnología para el Desarrollo (CYTED)".



Eva ALISIC

Monash University, Immediate Past Co-Chair of the Global Young Academy

Eva Alisic is a Senior Research Fellow at Monash University, Australia, where she leads the Trauma Recovery Lab. Her background includes both psychology and human resource studies, and she is currently a visiting scholar at the University Children's Hospital Zurich, Switzerland. Dr Alisic's team studies how children, young people, and families cope with traumatic experiences, and how professionals can support them. The consequences of fatal domestic violence, serious injury, war, and disaster are focal points in this research. Eva Alisic is Immediate Past Co-Chair of the Global Young Academy. She was the driving force behind 'Fresh Eyes on the Refugee Crisis', a project which underscored the importance of both academic engagement and open access of the literature on migration and refugees.



Tateo ARIMOTO

Director of the Innovation, Science and Technology Policy Program, National Graduate Institute for Policy Studies (GRIPS)

Tateo Arimoto is currently Professor and Director, Science, Technology and Innovation Policy Program at the National Graduate Institute for Policy Studies (GRIPS) and also Principal Fellow at Japan Science and Technology Agency (JST). He previously served as Director General of the Science & Technology Policy Bureau of the Ministry of Education and Science. He has played an active role in public policy making and implementation in the area of science, technology and innovation in Japan. He has been co-chair of the OECD study project on scientific advice.



Roberto BERTOLLINI

Former WHO Chief Scientist and WHO Representative to the EU

From October 2011 until June 2016, Roberto Bertollini, M.D., M.P.H. has been WHO Representative to the EU in Brussels and Chief Scientist of the WHO Regional Office for Europe. Before this assignment, he has occupied senior management positions in WHO both at the Regional Office for Europe and at the Headquarters in Geneva. Presently he is Richard von Weizsäcker Fellow at the Robert Bosch Academy, Germany, and visiting professor for public health and environmental health at the University of Lisbon and at the Mount Sinai Icahn School of Medicine, USA. Earlier in his career he worked at the Epidemiology Unit of the Lazio Region of Italy and supported health cooperation projects in several European and African countries. Dr Bertollini holds a degree in medicine and a postgraduate degree in paediatrics, as well as a Master in Public Health which he obtained from Johns Hopkins University.



Sixtine BOUYGUES

Deputy Director-General of DG Communication, European Commission

For over a decade, Sixtine developed her communication expertise as Head of the European Commission Representation in Paris and Head of Communication at the Directorate-General for Information Society and Media. Between 2010 and 2015, she shaped the Commission's corporate communications strategy as Director in DG Communication. In December 2015 she was appointed as Deputy Director-General, overseeing the activities of the Commission's Representations in the Member States and citizens' communication.



Wolfgang BURTSCHER

Deputy Director-General for Open Innovation, Open Science, Open to the World, Directorate-General for Research and Innovation, European Commission

Wolfgang Burtscher is Deputy Director-General of the European Commission's Directorate-General for Research and Innovation, responsible for Open Innovation, Open Science, Open to the World. An Austrian national, Wolfgang Burtscher was a Director in DG Agriculture before joining DG Research and Innovation. Before his Commission career, Mr Burtscher worked at the Austrian Permanent Representation to the EU and as Director of European Affairs in the Vorarlberg administration. 1990-1992 he was a legal advisor at the European Free Trade Association (EFTA) in Geneva. 1983-1990 he was a lecturer in International and European Law at the University of Innsbruck. Wolfgang Burtscher holds a doctorate in law and has a qualification from the Institut Européen des Hautes Etudes Internationales in Nice.



Sir Philip CAMPBELL

Editor-in-Chief of Nature and Nature publications

Sir Philip Campbell is Editor-in-Chief of Nature and of Nature publications. His areas of responsibility include the editorial content of Nature, and assuring the long-term quality of all Nature publications. He has a B.Sc. in aeronautical engineering, an M.Sc. in astrophysics and a Ph.D. and postdoctoral research in upper atmospheric physics. Following his research, he became the Physical Sciences Editor of Nature and then, in 1988, the founding editor of Physics World until his return to Nature in 1995. He is a Fellow of the Royal Astronomical Society and a Fellow of the Institute of Physics, and was awarded an honorary D.Sc. by Leicester University and Bristol University, and an Honorary Professorship by the Peking Union Medical College.



Thierry COURVOISIER

President-elect of the European Academies Science Advisory Council EASAC

Thierry J.-L. Courvoisier studied theoretical physics at the Swiss Federal Institute of Technology (ETHZ) and obtained a PhD at the University of Zurich in 1980. He was a scientist in the European Space Agency's X-ray astronomy project EXOSAT and worked at the Space Telescope European Coordinating Facility at the European Southern Observatory ESO in Garching (Germany). He joined the University of Geneva in 1988 where he became professor in 1992 and full professor in 1999. Thierry Courvoisier is president of the European Astronomical Society (EAS) since 2010. He became president of the Swiss Academy of Natural Sciences (SCNAT) in January 2012 and president of the Swiss Academies of Arts and Sciences in January 2013. He exercised both mandates until the end of 2015. He is now vice president of the European Academies Science Advisory Council (EASAC) and was elected to become its president for the period 2017-2019.



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Claire CRAIG

Director of Science Policy, Royal Society

Dr Claire Craig CBE is Director of Science Policy at the Royal Society. Previously Claire led the Government Office for Science on behalf of the UK Government's Chief Scientific Advisor (GCSA). She originally joined the Civil Service to run Foresight, a programme of science-based strategic futures projects covering topics from flood risk to cognitive enhancement. Claire has worked extensively on strategy and science in decision making. Her career includes periods at McKinsey & Co and at the Confederation of British Industry. She helped launch a hands-on science centre in her home town (Bristol), and has held non-executive Board roles in a variety of research and teaching institutions including King's College London and Newnham College Cambridge. She trained originally as a geophysicist.



Marta CYGAN

Director for Strategy and General Affairs, Directorate-General for Migration and Home Affairs, European Commission

Marta Cygan is currently Director for Strategy and General Affairs in the European Commission's Directorate-General for Migration and Home Affairs. In the years 2009-2013 she was Director for Immigration in the same Directorate. Between 2004 and 2009 she was Deputy Head of Cabinet of the European Commissioner responsible for Regional Policy, Danuta Huebner. Between 1996 and 2004 she served as First Counsellor in the Polish Mission in Brussels, then Polish Permanent Representation to the European Union. In 1993 she joined the Polish Ministry of Foreign Affairs, where she worked as Head of the European Law Section in the Legal and Treaties Department. Born in Krakow and of Polish nationality, she graduated in Law and Languages from Jagiellonian University in Krakow. She obtained a Diploma in Community Law by the College of Europe in Bruges and in European law and policies by the European College in Parma.



Jos DELBEKE

Director-General for Climate Action, European Commission

Jos Delbeke has been the Director-General of the European Commission's Directorate-General for Climate Action since its creation in 2010. He joined the European Commission in 1986. He has been a key player in developing EU legislation on cars and fuels, the Emissions Trading System, air quality, emissions from big industrial installations and chemicals (REACH). He has been responsible for developing the EU's international climate change strategy and was for many years the European Commission's chief negotiator at the United Nations climate conferences. Mr Delbeke holds a Ph.D. in economics (1986, Louvain, Belgium) and worked in 1985 at the International Monetary Fund (Washington DC, USA). He has been a lecturer at the University of Louvain on European and international environmental policy since 2013.



Hubert DELUYKER

Scientific Adviser to the Executive Director, European Food Safety Authority (EFSA)

Hubert Deluyker is EFSA's Scientific Adviser, providing the Executive Director with advice on issues related to EFSA's scientific activities. He joined EFSA in 2004 and established and was acting Head of EFSA's Assessment Methodology Unit. Afterwards he developed and became the Director of EFSA's former Scientific Co-operation and Assistance Directorate from 2007 to 2011, when he was appointed Director of Science Strategy and Coordination, a post he held until May 2013. Before working for EFSA he was a clinical research scientist in the field of animal health from 1989 to 2004 for Pfizer Belgium. He was also Associate Professor in Epidemiology from 1991 to 2000 at the School of Veterinary Medicine of the University of Ghent, Belgium. He previously worked as District Veterinary Officer for the Belgian Ministry of Agriculture.



Mady DELVAUX-STEHRÉS

Member of the European Parliament, former Minister for Education of Luxembourg

Mady Delvaux studied classical literature in Paris and became a teacher of Latin and French in the city of Luxembourg. She has been a member of the Luxembourg Socialist Workers' Party since 1974 and in 1987 became a member of the city council of Luxembourg. She gave up her teaching post in 1989 when she entered government as secretary of State for Health, Social Security, Youth, and Sport. She was Minister of Social Security, Transport and Communication of Luxembourg 1994-1999, a Member of the Luxembourg Parliament 1999-2004, and Minister for Education 2004-2013. Since 2014 she is a Member of the European Parliament.



Heather DOUGLAS

Waterloo Chair in Science and Society, University of Waterloo

Heather Douglas is the Waterloo Chair in Science and Society and Associate Professor in the Department of Philosophy at the University of Waterloo, Ontario, Canada. She received her Ph.D. from the History and Philosophy of Science Department at the University of Pittsburgh in 1998. She is the author of *Science, Policy, and the Value-Free Ideal* (University of Pittsburgh Press, 2009) as well as numerous articles. Her work focuses on the role of values in science, science policy, and science in democratic societies. She is a Fellow of the Institute for Science, Society, and Policy at the University of Ottawa and a Professor of the Balsillie School of International Affairs, where she convenes the Science & Health Policy Research Cluster. She is also an Associate Director for the Waterloo Institute for Sustainable Energy.



Pearl DYKSTRA

Erasmus University of Rotterdam, Member of the European Commission's High-Level Group of Scientific Advisors

Pearl Dykstra has a chair in Empirical Sociology and is Director of Research of the Department of Public Administration and Sociology at the Erasmus University of Rotterdam. Previously, she had a chair in Kinship Demography at Utrecht University (2002-2009) and was a senior scientist at the Netherlands Interdisciplinary Demographic Institute (NIDI) in The Hague (1990-2009). Her publications focus on intergenerational solidarity, aging societies, family change, aging and the life course, and late-life well-being. She is an elected member of the Netherlands Royal Academy of Arts and Sciences and served as vice-president of the Academy 2011-2016. She was appointed in 2015 as member of the High Level Group of scientists who advise the College of European Commissioners.



Ene ERGMA

Former Speaker of the Parliament of Estonia

Ene Ergma was born in 1944 in Rakvere, Estonia. She attended the University of Moscow. She received a Ph.D. equivalent from the University in 1972 and a senior research doctorate from the Space Research Institute in Moscow in 1984. After receiving her Ph.D. she joined the Astronomical Council AS USSR, and returned to Estonia in 1988 to take the astrophysics chair at Tartu University. In 1977 she was elected to be a member of the Estonian Academy of Sciences and 1999-2003 she was vice-president of the Academy. Ene Ergma served as chairwoman of the Estonian Science Foundation Council (1998-2003), Adviser of the European Commission's "Science and Society" Committee, as well as chairwoman of the ENWISE (Enlarge Women in Science to East) expert group. 2002-2005 she was a Descartes Prize Grand Jury member, including as president of the jury (2003-2005). She served 2003-2014 as Member of the Parliament of Estonia, 2003-2006 as Speaker, 2006-2007 as Vice-Speaker, and again 2007-2014 as Speaker of the Parliament.



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Ulrike FELT

Dean of the Faculty of Social Sciences, University of Vienna

Ulrike Felt is Professor of Science and Technology Studies, Dean of the Faculty of Social Sciences and currently head of the interdisciplinary research platform “Responsible Research and Innovation in Academic Practice” at the University of Vienna. She holds a Ph.D. in physics/mathematics and a habilitation in the social sciences. Her research focuses on the issues of technoscience, democracy and public engagement, changing research cultures, and responsible research. She has been guest professor at numerous universities and has been involved in policy advice on European and national levels. Until 2007 she was editor-in-chief of the SAGE Journal *Science, Technology, & Human Values*.



Mark FERGUSON

Chief Scientific Adviser to the Government of Ireland and Director General of Science Foundation Ireland

Professor Mark W.J. Ferguson commenced as Director General of Science Foundation Ireland and as Chief Scientific Adviser to the Government of Ireland in 2012. Previously he was Professor in Life Sciences at the University of Manchester (since 1984) and co-founder, CEO and Chairman of Renovo Group plc (1998-2011). Mark graduated from the Queens University of Belfast with degrees in Dentistry, Anatomy and Embryology, and Medical Sciences. He holds Fellowships from the Royal Colleges of Surgeons in Ireland (FFD), and Edinburgh (FDS) and is a Founding Fellow of the UK Academy of Medical Sciences (FMedSci). He is a member or fellow of a number of learned societies, and was made a “Commander of the British Empire” (CBE) by the Queen in 1999.



Alan FINKEL

Australia's Chief Scientist

Alan Finkel commenced as Australia's Chief Scientist on 25 January 2016. Prior to this, he was the Chancellor of Monash University and President of the Australian Academy of Technology and Engineering (ATSE). Dr Finkel was awarded his PhD in electrical engineering from Monash University and worked as a postdoctoral research fellow in neuroscience at the Australian National University. In 1983 he founded Axon Instruments, a California-based company that made precision scientific instruments. Following his return to Australia in 2006, he led the amalgamation that formed the Florey Neuroscience Institutes; he became Chair of the Australian Centre of Excellence for All-Sky Astrophysics (CAASTRO) and worked in a number of high-level positions in the private sector, including as Chief Technology Officer of Better Place Australia. Dr Finkel also co-founded Cosmos Magazine, which in addition to publishing operates a secondary schools science education program.



Dame Anne GLOVER

Vice-Principal for External Affairs and Dean for Europe, University of Aberdeen

Anne has a B.Sc. in Biochemistry from Edinburgh and a Ph.D. in Molecular Microbiology from Cambridge, UK. Besides her career in scientific research at Aberdeen University she commercialised some of her biosensor technology into a successful company which diagnoses environmental pollution and provides solutions for its clean-up. Anne was the first Chief Scientific Adviser to the President of the European Commission (2012-2015). Prior to that, she was the first Chief Scientific Adviser for Scotland (2006-2011). Anne became a Dame Commander of the Order of the British Empire (DBE) for services to Science in the UK and Europe in 2015 and was elected to the Royal Society in April 2016.



Sir Peter GLUCKMAN

Chair of the International Network for Government Science Advice (INGSA), Chief Science Advisor to the Prime Minister of New Zealand

Professor Sir Peter Gluckman is the Chief Science Advisor to the Prime Minister of New Zealand, a role he has held since the position was established in 2009. He is founder and chair of both the APEC Economies' Chief Scientists' and Equivalents Network (CSAE) and the International Network of Government Science Advice (INGSA). He is also the founding chair of the Small Advanced Economies Initiative (SAEI), which is an intergovernmental forum focused on science policy challenges unique to smaller jurisdictions. He was the founding Director of the Liggins Institute and is one of New Zealand's best known scientists. In 2015, Sir Peter was appointed chair of the WHO's Commission to End Childhood Obesity. In the same year he was invested to the Order of New Zealand, the country's highest honour which is reserved for only 20 living people. His research has won him numerous awards and international recognition including New Zealand's top science award, the Rutherford Medal, as well as being elected as a Fellow of the Royal Society.



Marguerite GRANDJEAN

Director of Studies, OuiShare

Marguerite is a futurist and director of studies. She acts as a foresight expert for DG Research and Innovation at the European Commission. She was previously based in Washington D.C. at the Institute for Alternative Futures, where she conducted numerous foresight projects for partners including Ox-fam, MIT, and IEEE. Before that she worked as a futurist at Futuribles in Paris, France. She is also connector at OuiShare, an international network which incubates, connects and raises awareness about multiple social innovation projects. She is currently leading a study on governance models in organizations from the collaborative economy and social and solidarity economy. She is a graduate of ESSEC (Paris, France) and LSE (London, UK) in business, international development and demography.



Peter GRIFFIN

Director of the New Zealand Science Media Centre

Peter Griffin is the founding director of the New Zealand Science Media Centre, one of an international network of not for profits that help scientists work more effectively with the media. The former technology editor for the New Zealand Herald, he is also a columnist for the New Zealand Listener and the founding editor of Australasia's largest science blog network, Sciblogs.co.nz. He has contributed to research projects and government strategies to improve science communication and won the 2012 Fulbright-Harkness Fellowship which allowed him to visit the US to look at centres of excellence for not for profit public interest journalism.



Robin GRIMES

Chief Scientific Adviser to the UK Foreign and Commonwealth Office

Robin Grimes is currently Professor of Materials Physics at Imperial College. His research is focussed on the use of high performance computing techniques to understand the behaviour of materials for energy applications including nuclear fission and fusion, fuel cells, batteries and solar cells. He is also Principal Investigator of the Research Council's UK Nuclear Fission consortium project. Professor Grimes has advised the House of Lords Science and Technology Committee's inquiry into nuclear research requirements, and was part of the Scientific Advisory Group for Emergencies (SAGE) that provided official advice on the 2011 Fukushima disaster. He has considerable experience of high-level international work, including many overseas missions.



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Marga GUAL SOLER

Project Director, Center for Science Diplomacy, American Association for the Advancement of Science (AAAS)

Dr Marga Gual Soler is a Project Director at the Center for Science Diplomacy at the American Association for the Advancement of Science (AAAS). She develops the Center's global science diplomacy education and capacity building initiatives and serves as a senior editor of the open access policy journal *Science & Diplomacy*. Marga serves on the Research, Innovation and Science Policy Experts Group (RISE) of the European Commission. As a faculty member at Arizona State University she launched the Science Diplomacy & Leadership Program, a pioneer science diplomacy immersion course in Washington, D.C. She received a Ph.D. in biomedical sciences from the University of Queensland in Australia, a Bachelor's and Master's from the University of Barcelona in Spain, and is an alumna of the prestigious Georgetown University Global Competitiveness Leadership Program.



Heide HACKMANN

Executive Director of the International Council for Science (ICSU)

Heide joined ICSU as Executive Director in March 2015, following eight years as Executive Director of the International Social Science Council. Heide read for a M.Phil. in contemporary social theory at the University of Cambridge, UK, and holds a Ph.D. in science and technology studies from the University of Twente in the Netherlands. She has worked as a science policy maker, researcher and consultant in the Netherlands, Germany, the United Kingdom and South Africa. Before moving into the world of the international councils, Heide worked as Head of the Department of International Relations and Quality Assessment of the Royal Netherlands Academy of Arts and Sciences. Her career in science policy dates back to the early 1990s when she worked at the Human Sciences Research Council in South Africa.



Shaukat HAMEED KHAN

Coordinator-General of the Ministerial Standing Committee on Scientific and Technological Cooperation of the Organization of Islamic Cooperation (COMSTECH)

Dr Shaukat Hameed Khan is currently Coordinator-General of COMSTECH, the Ministerial Standing Committee on Scientific and Technological Cooperation of the Organization for Islamic Cooperation, with its headquarters in Islamabad. He has B.Sc. and D.Phil. degrees from Oxford University and is a Fellow of the Pakistan Academy of Sciences. Dr Hameed Khan served as Rector of the Ghulam Ishaq Khan Institute, Member of the Planning Commission of Pakistan, Chief Scientist of the Pakistan Atomic Energy Commission, visiting scientist at CERN, and has been Member of the highest planning bodies on science policy in Pakistan. He started Pakistan's Laser Programme in 1971 which has grown into the National Institute of Lasers and Optics. His work in policy and strategy formulation resulted inter alia in the establishment of the Higher Education Commission of Pakistan.



Yuko HARAYAMA

Executive Member of the Council for Science and Technology Policy, Cabinet Office of Japan

Dr Yuko Harayama is an Executive Member of the Council for Science and Technology Policy, Cabinet Office of Japan. She is the former Deputy Director of the Directorate for Science, Technology and Innovation of OECD. She is a Legion d'Honneur recipient and was awarded a honorary doctorate from the University of Neuchâtel. She was Professor in the Department of Management Science and Technology at the Graduate School of Engineering of Tohoku University. She holds a Ph.D. in education sciences and a Ph.D. in economics from the University of Geneva.



Jennifer Cassingena HARPER

Consultant, Malta Council for Science and Technology

Jennifer Cassingena Harper has been engaged with the Malta Council for Science and Technology since 1989 in various capacities. Until 2011, she was the Director of Policy, Strategy, FP7 and International with core responsibility for the National Research and Innovation Strategy and Foresight and links with the European Union. She currently retains a part-time consultancy role with the Council. She is a graduate of Keele University, and the London School of Economics. Her doctoral research which focused on the internationalization of S&T Policy was carried out at the University of Malta and Sussex University (SPRU). She lectures in foresight within the University of Malta's Masters Programme in Innovation and Creativity. In Malta, she is a member of the National Commission for Higher and Further Education and Young Enterprise Malta Board of Directors.



HRH Princess Sumaya bint El HASSAN

President of the Royal Scientific Society of Jordan, Chair of the World Science Forum 2017

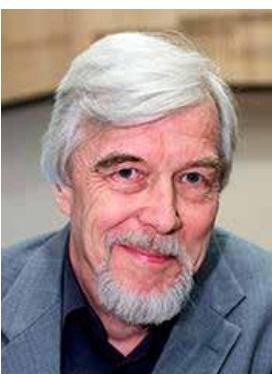
Her Royal Highness Princess Sumaya bint El Hassan is president of the Royal Scientific Society (RSS) and Chair of the Board of Trustees of Princess Sumaya University for Technology (PSUT). The Princess is the Chair of the World Science Forum 2017, which will be held in Jordan. She is also Director and Chair of the National Campaign for Public Awareness of the Drivers of Change, and president of the Board of Governors of the UN ESCWA Technology Center. She is an advocate of science and technology as a catalyst for change in the Arab World, through education, research and innovation. The Princess is an avid archaeologist and is closely involved with the work of the British Institute in Amman for Archaeological Research and the Council for British Research in the Levant. HRH was appointed by HM Queen Rania as Vice Chairman of the Board of Trustees of the first Jordan National Museum, where she is overseeing its development.



Lauri HETEMÄKI

Assistant Director of the European Forest Institute

Lauri Hetemäki is the Assistant Director at the European Forest Institute (EFI) and Adjunct Professor at the Faculty of Agriculture and Forestry, University of Helsinki. He has a Ph.D. in economics from the University of Helsinki, and MA in economics from the University of Sussex, England. Hetemäki manages the EFI science-policy work, including the *ThinkForest Forum*, a high-level science-policy forum taking mostly place at the European Parliament. Hetemäki has extensive experience in science-policy support work; e.g. in Finnish Government and Parliament. Before his current position, Hetemäki worked as the Head of Foresight & Information Programme at EFI, and as a part-time Professor in Forest Sector Foresight at the University of Eastern Finland; and as a Senior Researcher and Project Leader at the Finnish Forest Research Institute (Metla).



Rolf-Dieter HEUER

Former Director-General of CERN, Member of the European Commission's High-Level Group of Scientific Advisors

Professor Heuer is an experimental particle physicist who has been Director-General of CERN 2009-2015. His mandate was characterised by the start of the Large Hadron Collider (LHC) in 2009 as well as its energy increase 2015 and the discovery of the H-Boson. He also actively engaged CERN in promoting the importance of science and STEM education. From 2004 to 2008, Prof. Heuer was research director for particle and astroparticle physics at the DESY laboratory, Germany. In April 2016 he became president of the German Physical Society and he is the designated president of the Council of SESAME (Synchrotron-Light for Experimental Science and Applications in the Middle East). Prof. Heuer is Member of several Academies of Sciences and is Honorary Member of the European Physical Society.



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Lauritz HOLM-NIELSEN

President of EuroScience

Lauritz Holm-Nielsen is the president of EuroScience, which is the non-profit grassroots association of researchers in Europe, best known for organizing the biennial EuroScience Open Forum (ESOF). Holm-Nielsen was the Rector of Aarhus University from 2005–2013. He is executive director of the Sino-Danish Center (SDC), chairman of the Danish National Nature Fund and member of the Governing Board of Gothenburg University. Inter alia, he was vice-president of the European University Association (EUA), chairman of the Nordic University Association, rector of the Danish Research Academy, and chairman of the Danish Natural Science Research Council. He is Mag.Scient. in botany from Aarhus University and has spent 18 years working abroad, 12 of these as Lead Specialist at the World Bank in Washington D.C. (1993-2005).



Rush D. HOLT

Chief Executive Officer of the American Association for the Advancement of Science (AAAS)

Rush D. Holt, Ph.D., became chief executive officer of the American Association for the Advancement of Science (AAAS) and executive publisher of the *Science* family of journals in February 2015. In this role, Holt leads the world's largest multi-disciplinary scientific and engineering society. Over his career, Dr Holt has held positions as a teacher, scientist, administrator, and policy maker. From 1987 to 1998, Holt was assistant director of the Princeton Plasma Physics Laboratory (PPPL), which is one of the largest alternative energy research facilities in the country. Holt then served for 16 years as a member of the U.S. House of Representatives, representing New Jersey's 12th Congressional District. Holt holds M.A. and Ph.D. degrees in physics from New York University.

Image: Chet Susslin/ National Journal



Danuta JAZŁOWIECKA

Member of the European Parliament, Member of the Science and Technology Options Assessment (STOA)

Originally from Opole, Poland, Danuta Jazłowiecka graduated from a scholarship programme at Georgetown University as well as the University of Wisconsin in the United States. She undertook postgraduate studies on International Relations from the Pultusk Academy of Humanities and completed studies in regional politics and structural funding at Luiss University in Rome, a scholarship programme at the Japan International Cooperation Agency in Tokyo, as well as studies at the Danish School of Public Administration. For many years she worked in regional institutions preparing regions for European integration. She represented her home region in the Polish Parliament for two terms, concentrating on European affairs and regional development issues. She has also been in charge of the Polish delegation to the Council of Europe and served as vice-president of the Parliamentary Assembly of the Council of Europe.



Pavel KABAT

Director-General and CEO of the International Institute for Applied Systems Analysis (IIASA)

Pavel Kabat is Director General and Chief Executive Officer of the International Institute for Applied Systems Analysis (IIASA), an independent institute funded by 24 member countries, located near Vienna. He is also Full Professor of Earth System Science at Wageningen University in the Netherlands, Founding Chair of the Dutch Institute for Integrated Research on the Wadden Sea Region, and a Member of the Leadership Council for the United Nations Sustainable Development Solutions Network. Trained as a mathematician and hydrologist, Professor Kabat's almost 30 year research career has covered earth system science and global change, with a specific focus on land-atmosphere interactions, climate hydrology, water cycle and water resources. He contributed as lead author to the assessment reports of the IPCC.



Johannes KLUMPERS

Head of Scientific Advice Mechanism Unit, DG Research and Innovation, European Commission

Johannes Klumpers heads the recently created Scientific Advice Mechanism Unit (SAM) of the European Commission. The unit provides the secretariats for the Commission's High Level Group of Scientific Advisors as well as the European Group on Ethics in Science and New Technologies (EGE), and develops policies on research integrity. A German national, Dr. Klumpers studied forestry and wood technology and obtained his Ph.D. from the French Ecole Nationale du Génie Rural, des Eaux et Forêts (ENGREF). After several years of industrial research in Sweden, he joined the European Commission's Directorate-General for Research & Innovation in 1998 and has worked on a variety of topics, including raw materials, gender equality, science in society, and budget.



Martin KOWARSCH

Mercator Research Institute on Global Commons and Climate Change

Dr Martin Kowarsch is heading the working group "Scientific Assessments, Ethics, and Public Policy" at the Mercator Research Institute on Global Commons and Climate Change (MCC) in Berlin. He is currently leading a joint big research initiative of MCC and the United Nations Environment Programme (UNEP) called "The Future of Global Environmental Assessment Making" (FOGEAM). This effort to evaluate past global assessment making aims to inform future choices for global assessment design. Jointly with Ottmar Edenhofer, Kowarsch developed a refined normative science-policy model called the "Pragmatic-Enlightened Model" (PEM), which suggests exploring alternative policy pathways and their implications jointly with stakeholders. In addition, Kowarsch provided advice for the processes and design of UNEP's GEO-6 assessment and other science-policy interfaces. He studied philosophy and economics.



László LOVÁSZ

President of the Hungarian Academy of Sciences

László Lovász (born in 1948) is a Hungarian mathematician, best known for his work in combinatorics, graph theory and theoretical computer science. He is winner of the Wolf and Kyoto Prize and currently serves as the president of the Hungarian Academy of Sciences. He had been professor at Yale University and collaborative member of the Microsoft Research Center until he returned to Eötvös Loránd University in Budapest in 2006 as director of the Mathematical Institute. He was president of the International Mathematical Union (2007-2010). He is a member of the US National Academy of Sciences and a foreign member of the Royal Netherlands Academy of Arts and Sciences and Royal Swedish Academy of Sciences.



Jacques LUKASIK

Secretary-General of the European Council of Academies of Applied Sciences, Technologies and Engineering (Euro-CASE)

In 2011, Dr Jacques Lukasik was appointed the Secretary-General of Euro-CASE, which groups academies of engineering from 22 European countries, counting more than 6 000 Fellows. He was educated in Poland, in the USA and in France where he earned his "Doctorat d'Etat" degree. His scientific background is in non-linear optics and lasers and his 18 years long research career was accomplished within the French National Center for Scientific Research (CNRS). In 1986, he joined an industrial company, LAFARGE, a world leader in construction materials with 65,000 employees. Until his retirement at the end of 2009, he held the position of Group Senior Vice President and Chief Scientific Officer. Lukasik is a Fellow of the National Academy of Technologies of France and an associate foreign member of the Civil Engineering Committee of the Polish Academy of Sciences.



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David MAIR

Head of Geographic Coordination Unit, Joint Research Centre of the European Commission

David joined the Commission's Joint Research Centre (JRC) in 2011 as Head of Unit responsible for science advice to policy and parts of the JRC Work Programme. Since July 2016 he is responsible for the unit for geographic knowledge management for policy. Prior to his JRC career he worked from 1998 to 2011 in DG Health and Consumers, being involved in policy strategy, enforcement issues and consumer research, data and statistics. From 2007 to 2011 he was Head of Unit for consumer market monitoring and analysis, responsible for the Consumer Markets Scoreboard and work on consumer behaviour. Prior to joining the Commission in 1995 he worked for the UK Treasury in Brussels and London and also worked in the City of London as a corporate financier. He studied History at Cambridge University.



Clare MATTERSON

Director of Strategy, Wellcome Trust

Clare Matterson CBE is Director of Strategy at the Wellcome Trust. Clare leads on strategy, policy, advocacy and education, communicating the work of Wellcome, leading grant management and incubating new initiatives. Clare received a CBE in recognition of her services to public engagement with Science. From 2004 to 2014, Clare was Director of Culture & Society at the Wellcome Trust. With a small team, she conceived and led the first 10 years of Wellcome Collection – the Trust's highly acclaimed public venue. Passionate about education, Clare led the Wellcome Trust's initiative to create the National Science Learning Centre – a partnership with the UK Government to drive improvement in science education. She is currently Chair of the National Forum for Public Engagement with STEM.



Julie MAXTON

Executive Director of the Royal Society

Dr Julie Maxton is the Executive Director of the Royal Society, the first woman in 350 years to hold the post. Before taking up her position at the Royal Society in 2011, Julie was Registrar at the University of Oxford, the first woman in 550 years in the role. She is an Honorary Fellow of University College Oxford, a Bencher of the Middle Temple, a Freeman of the Goldsmith's Company, and a member of several boards, including of Engineering UK and the Charities Aid Foundation. Originally trained as a barrister at the Middle Temple, Julie combined a career as a practising lawyer with that of an academic, holding a number of senior academic positions, including those of Deputy Vice Chancellor, Professor and Dean of the Faculty of Law at the University of Auckland.



Juan MAYR MALDONADO

Former Environment Minister of Colombia and Chair of the UN Conference on Biosafety

Juan Mayr Maldonado has spent his life working to protect biocultural diversity. A professional photographer, he is experienced in both government and non-government sectors and has taken on roles such as Colombian Minister for the Environment (1998-2002) and vice-president of IUCN (1993-1996). He has presided over major conferences and negotiations on environment and sustainable development, including sessions of the UN Commission on Sustainable Development and the Biosafety Protocol negotiations. He has served as advisor to UNDP and member of the National Conciliation Commission, promoting the environment as the key to a sustainable path towards peace and reconciliation in Colombia. He recently served as Colombian Ambassador to Germany (2011-2016), promoting education, science and research in international relations.



Gordon McBEAN

President of the International Council for Science (ICSU)

Gordon McBean is president of the International Council for Science (ICSU), co-chair of the Governing Council for Future Earth, Director for Policy Studies of the Institute for Catastrophic Loss Reduction and member of several international and national committees, including the UNESCO Ad Hoc Expert Group on ethical principles in relation to climate change. He was Professor of Geography at Western University (2000-2015) with joint appointments in Political Science and Physics. From 1994 to 2000, he was Assistant Deputy Minister at Environment Canada, advising the government on international climate issues. Before that he was Professor for Atmospheric-Oceanic Sciences at the University of British Columbia (1988-1994). He has been chair of the World Climate Research Programme (1988-1994) and chair of the Planning/Science Committee of the Integrated Research on Disaster Risk Program (2005-2011), among other assignments.



Marcia McNUTT

President of the National Academy of Sciences, USA

Marcia McNutt is a geophysicist and president of the National Academy of Sciences. From 2013 to 2016, she served as editor-in-chief of the *Science* journals. Prior to joining *Science*, she was director of the U.S. Geological Survey (USGS) from 2009 to 2013. During her tenure, the USGS responded to a number of major disasters, including the Deepwater Horizon oil spill. Before joining the USGS, McNutt served as president and chief executive officer of the Monterey Bay Aquarium Research Institute (MBARI). McNutt began her academic career at the Massachusetts Institute of Technology (MIT), where she was the E.A. Griswold Professor of Geophysics and directed the Joint Program in Oceanography/ Applied Ocean Science & Engineering, jointly offered by MIT and the Woods Hole Oceanographic Institution. She is a veteran of more than a dozen deep-sea expeditions, on most of which she was chief or co-chief scientist. McNutt received a B.A. in physics from Colorado College and her Ph.D. in earth sciences at the Scripps Institution of Oceanography.



Jos van der MEER

President of the European Academies Science Advisory Council (EASAC)

Jos WM van der Meer is emeritus Professor of Medicine at Radboud University Nijmegen, The Netherlands. Between 1992 and 2012 he was head of the Department of Internal Medicine at the Radboud University Medical Centre. He is a member of the Royal Netherlands Academy of Arts and Sciences (KNAW), for which he served as a vice-president from 2005 to 2011. He is a member of Academia Europaea and is the current president of EASAC, the European Academies Science Advisory Council. Among other assignments, he is a member of the Dutch National Board for Research Integrity and was awarded knighthood in the order of the Netherlands Lion in 2003.



Arturo MENCHACA ROCHA

General Coordinator of the Science Advisory Council of the Presidency of Mexico

Arturo Menchaca Rocha obtained a Physics B.Sc. (1970) from the National Autonomous University of Mexico (UNAM), and a D.Phil. from the University of Oxford (1974), followed by a postdoctoral position at the UC Lawrence Berkeley Laboratory. In 1975 he joined the UNAM Institute of Physics, serving as its director in 2003-2007. His areas of expertise are heavy-ion reaction mechanisms, charged particle detection, and hydrodynamic simulations of nuclear reactions. He and his group contributed to projects aboard the International Space Station and at CERN's Large Hadron Collider. In 2004 he received from the President of Mexico the National Sciences and Arts Prize, the highest academic honour in the country, and became a member of Mexico's Presidential Advisory Council for Science, of which he was elected General Coordinator in January 2016. 2010-2012 he served as President of the Mexican Academy of Sciences.



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Ann METTLER

Head of the European Political Strategy Centre (EPSC), European Commission

Ann Mettler is the Head of the European Political Strategy Centre (EPSC), the in-house think tank of the European Commission, which reports directly to President Juncker. In this capacity, she also serves as chair of the European Strategy and Policy Analysis System (ESPAS), an inter-institutional project aimed at strengthening the EU's foresight capacity and anticipatory governance. Prior to assuming this position in December 2014, she was for 11 years executive director of the Lisbon Council, a Brussels-based think tank she co-founded in 2003. From 2000-2003, she worked at the World Economic Forum. Ann holds Masters degrees in political science and European law and economics, and graduated with distinctions from the University of New Mexico, USA, and the University of Bonn, Germany.



Carlos MOEDAS

European Commissioner for Research, Science and Innovation

Carlos Moedas graduated in Civil Engineering from the Higher Technical Institute (IST) in Lisbon in 1993 and completed the final year of studies at the École Nationale des Ponts et Chaussées in Paris. He worked in engineering for the Suez-Lyonnaise des Eaux group in France until 1998. He obtained an MBA from Harvard Business School (USA) in 2000, after which he joined the investment bank Goldman Sachs in London (UK). He returned to Portugal in 2004 as Managing Director of Aguirre Newman and founded in 2008 his own investment company. In 2011, he was elected for the National Parliament and appointed as Secretary of State to the Prime Minister in charge of the Portuguese Adjustment Programme. In 2014, he became European Commissioner for Research, Science and Innovation.



Khotso MOKHELE

Special Advisor to the South African Minister of Science and Technology

Dr Mokhele currently serves as special advisor to the South African Minister of Science and Technology and chancellor of the University of the Free State. He previously served as the founder president of the South African National Research Foundation and as the founder president of the Academy of Science of South Africa. This was preceded by academic positions in the Departments of Microbiology at the Universities of Cape Town and Fort Hare. His international roles included, inter alia, membership of the Executive Board of UNESCO (1997-2001) and Vice-President for Scientific Planning and Review of the International Council for Science ICSU (2005-2008). Dr Mokhele holds a Ph.D. in Microbiology from the University of California and had postdoctoral fellowships at Johns Hopkins University and the University of Pennsylvania.



MU Rongping

Director-General of the Center for Innovation and Development, Chinese Academy of Sciences

Mu Rongping received his B.Sc. in physics (1983) and M.Sc. degree in history of science (1990) from the University of Science and Technology of China, and his Ph.D. degree in history of technology (2002) from the Technical University of Berlin, Germany. Dr. Mu has been director-general of the CAS Center for Innovation and Development since 2007, the director-general of the CAS Center for IPR Research and Training since 2009, and a professor of the CAS Institute of Policy and Management (CASIPM) since 2001, serving as director-general of CASIPM 2004-2014. He is also editor-in-chief of the Journal of Science Research Management (an academic monthly) since 2003. Dr. Mu is the president of the China High-tech Industry Promotion Society (CHIPS) since 2014.



Helen MUNN

Executive Director, Academy of Medical Sciences (UK), Member of the Federation of European Academies of Medicine (FEAM)

Dr Helen Munn is the Executive Director of the UK's Academy of Medical Sciences, which represents the full spectrum of medical science, from basic research through clinical application to healthcare delivery. With its 1200 elected Fellows, the academy is a committed member of the Federation of European Academies of Medicine (FEAM). Helen joined the Academy's policy team in 2004, becoming executive director in 2009. Since then she has overseen a major expansion in the Academy's resources, profile and impact. Prior to joining the Academy, Helen worked at the UK Parliamentary Office for Science & Technology and in the BBC Science Team. She followed her undergraduate degree from The Queen's College, Oxford with a Ph.D. in molecular endocrinology from the University of Edinburgh.



Romain MURENZI

UNESCO Director for Science Policy and Capacity Building

Romain Murenzi took office as director of UNESCO's Division of Science Policy and Capacity Building in June 2016. Since 2011 he had served as executive director of The World Academy of Sciences (TWAS) based in Trieste, Italy. Born in Rwanda, Murenzi holds a B.Sc. degree in Mathematics from the University of Burundi (1982), as well as an M.Sc. (1986) and Ph.D. (1990) in Physics, obtained at the Catholic University of Louvain (Belgium). In 1992, he became a principal investigator at the Clark Atlanta University Center for Theoretical Studies of Physical Systems (USA), being selected chair of the physics department in 1999. He served from 2001 to 2006 as Rwanda's Minister of Education, Science, Technology and Scientific Research, and from 2006 to 2009 as Minister in the President's Office. In 2009, Murenzi joined the American Association for the Advancement of Science (AAAS) where he was named director of the AAAS Center for Science, Technology and Sustainable Development.



Chandrika NATH

Acting Director of the UK Parliamentary Office of Science and Technology

Chandrika Nath is acting director of the UK Parliamentary Office of Science and Technology, an internal office of both Houses of the UK Parliament whose remit is to provide parliamentarians with objective scientific advice. Dr Nath has almost 14 years of experience of providing scientific advice to Parliamentarians. She has a keen interest in international development issues and has worked with countries such as Uganda, Kenya and Nigeria to support evidence informed policy making in a Parliamentary context. Prior to working for Parliament she worked at the British Antarctic Survey as a glaciologist. She has a doctorate in particle physics from Oxford University.



Tibor NAVRACSICS

European Commissioner for Education, Culture, Youth and Sport

Tibor Navracsics holds degrees in law from the Faculty of Law and Political Sciences of Budapest's ELTE University and a Ph.D. in political sciences. In 1999 he became an Associate professor at the Faculty of Law and Political Sciences at ELTE. In 1997 he assumed the position of the secretary-general of the Hungarian Political Science Association and was head of the Prime Minister's Office until 2002. In 2003 he became chef de cabinet to the president of the Hungarian Civic Union Fidesz. 2006–2010 he was an elected Member of the Hungarian Parliament. Between 2010 and 2014 he served as Deputy Prime Minister of Hungary and Minister of Public Administration and Justice. In 2014 he also assumed the position of Minister of Foreign Affairs and Trade. In November 2014, Tibor Navracsics became European Commissioner for Education, Culture, Youth and Sport.



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Linda NORDLING

Freelance Journalist

Linda Nordling is a journalist and editor based in Cape Town, South Africa. She specialises in reporting on African science policy and funding. She is the managing editor of *Research Africa*, an online funding news service for African researchers. She also contributes news and features on African science to a variety of international publications, including *Nature* and *The Guardian*. For nearly eight years she penned the monthly 'Africa Analysis' column on the website SciDev.net. She has mentored many African science journalists. She is originally from Sweden and trained and worked in the UK before moving to South Africa in 2006. She has a special interest in how African research is portrayed globally as well as in equitable research partnerships between developed and developing countries.



Connie NSHEMERIRWE

Uganda Martyrs University, Member of the Global Young Academy

Dr. Connie Nshemereirwe is a Senior Lecturer at Uganda Martyrs University, with a dual appointment in the Faculty of the Built Environment and the Faculty of Education. She finds herself caught between the two worlds as a result of her background in Civil Engineering, although she is at the end of a career shift to education "proper". To make the transition, she completed a master's degree in the design of education and training systems at the University of Twente in 2004, which was later followed by a PhD in Educational Measurement at the same University in 2014. Her teaching and research work revolves around the integration of academic and life skills within university education.



Oladoyin ODUBANJO

Executive Secretary of the Nigerian Academy of Science

Oladoyin Odubanjo is the executive secretary of the Nigerian Academy of Science. He is also the chairman of the Association of Public Health Physicians of Nigeria (Lagos Chapter) and was recently appointed member of the steering committee for Africa of the International Network for Government Science Advice (INGSA). Before working for the Nigerian Academy of Sciences, Dr Odubanjo worked as a physician for the Nigerian government, including heading a government hospital with additional supervision of two primary health care facilities. Dr Odubanjo was instrumental to a successful transition of the Nigerian Academy of Science from a largely honorific organization to one that provides evidence-informed advice to government and other stakeholders. In the last eight years, he has collaborated with various African academies and the Network of African Science Academies (NASAC) on diverse projects aimed at informing policy.



Satoru OHTAKE

Senior Fellow at the Economic and Social Research Institute of the Cabinet Office of Japan

Satoru Ohtake joined the science and technology administration in the Government of Japan in 1984, just after graduating from the University of Tokyo where he was conferred an M.Sc. in high energy physics. He joined the International Human Frontier Science Program in Strasbourg 1990-1992 and supported multilateral initiatives such as the Global Science Forum of the OECD, the Group of Earth Observation (GEO) and the International Thermonuclear Experimental Reactor project (ITER). Mr Ohtake worked for the Japan Aerospace Exploration Agency (JAXA), the National Institute of Radiological Sciences and the Japan Science and Technology Agency (JST), serving as deputy to the JST president and Senior Executive Director. In 2016, he was appointed as an Executive Research Fellow in the Economic and Social Research Institute of the Cabinet Office.



Tolu ONI

University of Cape Town, Co-Chair of the South African Young Academy of Science

Tolu Oni is a Senior Lecturer at the School of Public Health and Family Medicine, University of Cape Town, South Africa. As a Public Health Medical Specialist and Urban Epidemiologist, she is a passionate advocate of health equity. Her research focuses on understanding the interaction between commonly co-occurring chronic conditions, upstream health determinants, the unplanned urban environment, and the impact on health outcomes. She has received several awards, including being selected as a Next Einstein Forum Fellow and a World Economic Forum Young Scientist. As a member and co-chair of the South African Young Academy of Science, and member of the Global Young Academy, she works actively to encourage public engagement to translate research findings into policy and practice.



Sergio Jorge PASTRANA

Foreign Secretary and Executive Director of the Academy of Science of Cuba

Sergio Jorge Pastrana is currently the Foreign Secretary of the Academy of Sciences of Cuba and executive director of the institution. He was president of the Caribbean Scientific Union – the organization that brings together all the Academies of Sciences of the Caribbean region – from 2005 to 2007. A historian and philologist graduated at the University of Havana, he took post graduate studies at the Institute of International Relations of Cuba. Since 2003, Pastrana has been the Cuban representative to the Executive Committee of the Inter Academy Partnership (IAP), the global academy network. He was a member of the Executive Board of the International Council for Science (ICSU) 2005-2014 and ICSU Vice-President 2012-2014.



Melanie PETERS

Director of the Rathenau Institute

In 2015, Dr Melanie Peters became director of the Rathenau Institute, which provides advice to the Dutch government. She studied food technology at Wageningen University, and became a certified toxicologist. At Imperial College, London, she received a Ph.D. in biochemistry. Dr Peters worked as a scientific researcher at the University of Texas at Austin, and led a research team at the Shell Research and Technology Centre Amsterdam. She has held various positions combining science, policy, politics and social issues, inter alia at the Ministry of Agriculture, the Dutch Consumer Association, and as director of Utrecht University's Studium Generale scientific discussion platform.



Aurélie PONTHEIU

Humanitarian Specialist on Displacement, Médecins Sans Frontières

Aurélié Ponthieu has been working for MSF since 2006. She has been working as Humanitarian Specialist for Médecins sans Frontières in Brussels since 2011. Her area of expertise includes forced migration and the humanitarian impact of asylum and migration policies. She provides support to MSF operations in terms of context analysis, positioning and advocacy strategies. She has a Master degree in Humanitarian Action/International Field legal assistance and an LLM in International and European Law. Before working at the MSF Headquarters, she worked in the field with MSF for 5 years in Niger, Sudan, Chad, Colombia, and Haiti. She also worked in Liberia during the Ebola outbreak 2014.



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Martin PORTER

Executive Director Industrial Innovation and EU Affairs, European Climate Foundation (ECF)

Dr. Martin Porter is Executive Director Industrial Innovation and EU Affairs of the European Climate Foundation and a member of its Executive Management Team. Also, Martin heads the i24c initiative, which works in partnership with business, political and civil society leaders to play a thought-leadership role on how Europe can best secure competitive advantage in the transition to a new economy. Martin brings two decades of extensive experience in EU affairs and consulting to the ECF. He is a co-founder of Brussels' first "think-do tank", The Centre, a Senior Associate for the Cambridge Programme for Sustainability Leadership and joins ECF from Edelman, where he was Chair of the European Public Affairs Practice and General Manager of the Brussels office.



Xavier PRATS MONNÉ

Director-General for Health and Food Safety, European Commission

Xavier Prats Monné is the Director-General for Health and Food Safety of the European Commission since September 2015. He is responsible for EU policies and programmes in health and food safety, including the promotion of public health, the assessment of national healthcare systems' performance, pharmaceutical legislation, animal health and welfare, but also the handling of crisis situations in human health and the food sector. He previously served as Director-General for Education and Culture, responsible for the Erasmus+ and Marie Curie programmes and representing the Commission on the Governing Board of the European Institute of Innovation and Technology (EIT). From 2007 to 2010, he was director for employment policy and one of the five founding members of the Impact Assessment Board, reporting to the President of the Commission. He holds degrees in Social Anthropology from the Universidad Complutense (Madrid); in Development Cooperation from the International Centre for Advanced Mediterranean Agronomic Studies CIHEAM (Paris); and in European Studies from the College of Europe (Bruges).



Patrice QUESADA

Senior Emergency and Post Crisis Specialist, International Organization for Migration (IOM)

Mr Patrice Quesada is working for the International Organization for Migration (IOM) as a Policy Officer on a number of policies, in particular on migration, environment and climate change. He has contributed to developing and promoting the Organization's vision on the incidence of climate change on human mobility. From policy to operation, Mr Quesada is also working for the IOM Emergency and Post-Crisis division where he coordinates institutional efforts to build on concrete expertise in humanitarian response to natural disasters, from preparedness to recovery. Mr Quesada holds a Master in Philosophy and post-graduate in international relations as well as a degree in business administration. Previously, he has worked for the Organisation for Security and Cooperation in Europe, in Copenhagen, Vienna and in Kosovo as a senior political officer.



Rémi QUIRION

Chief Scientist of Québec

Professor Rémi Quirion is the inaugural Chief Scientist of Québec since July 1st, 2011. He is a Full Professor for Psychiatry at McGill University and outgoing Scientific Director at the Douglas Mental Health University Institute. He served as Vice-Dean of the Faculty of Medicine at McGill, in addition to being the CIHR Executive Director for Alzheimer's Diseases, from 2009 to 2011. Under his leadership, the Douglas Research Centre became a premier research facility in Canada in the fields of neurosciences and mental health. Before that he was the inaugural Scientific Director of the Institute of Neurosciences, Mental Health and Addiction (INMHA) until 2009. He received many awards and recognitions, including being appointed as Fellow of the Canadian Academy of Health Sciences and becoming a Member of the Order of Canada.



Kari RAIVIO

Past President of the Finnish Academy of Sciences and Letters

Kari Raivio studied medicine at the University of Helsinki and got his M.D. in 1965 and Ph.D. in 1969. He spent three years as a Postdoctoral Fellow at the University of California, San Diego. He was Professor of Perinatal Medicine and Head of the Neonatal Intensive Care Unit of the Helsinki University Central Hospital until 1996, when he was elected Rector of the University of Helsinki. After seven years as Rector he became Chancellor of the University of Helsinki for five years until retirement. Dr Raivio has served as president of the European Association of Perinatal Medicine and of the European Society for Pediatric Research, chair of the League of European Research Universities (LERU), and president of the National Academy of Sciences and Letters of Finland. He was Vice-President for Scientific Planning and Review of the International Council for Science (ICSU) and is currently a member of the Engagement Committee of Future Earth.



Daya REDDY

President of the Academy of Science of South Africa, President-elect of the International Council for Science (ICSU)

Daya Reddy obtained a B.Sc. degree in civil engineering from the University of Cape Town, and a Ph.D. degree from Cambridge University. He was appointed professor of applied mathematics at the University of Cape Town in 1989, and served as dean of its science faculty over the period 1999-2005. He currently holds the South African Research Chair in Computational Mechanics. Daya Reddy is President of the Academy of Science of South Africa and serves as co-chair of IAP-Research, a component of the InterAcademy Partnership. He is president-elect of the International Council for Science (ICSU). He is a recipient of the Order of Mapungubwe, awarded by the President of South Africa for distinguished contributions to science.



Maria Cristina RUSSO

Director for International Cooperation, DG Research and Innovation, European Commission

Maria Cristina Russo was appointed Director for International Cooperation in DG Research and Innovation on the 1st July 2013. From 2010-2013 she served in DG Health and Consumer Affairs as the Head of Unit for "Financial Services and Redress". During 2004-2010 she served within the Secretariat-General of the Commission as a Head of Unit, where she was responsible for the units in charge of "Relations with the Council-Coreper I", "Co-decision" and "Strategic Objective Security and Justice". From 1999-2004 she served as a member of the Cabinet of Philippe Busquin, Commissioner for Research, following postings in the Secretariat-General and DG External Relations. Maria Cristina studied Political Sciences at the Luiss University of Rome and has a Master's Degree in European Studies and a Research Master's from the College of Europe in Bruges.



Maive RUTE

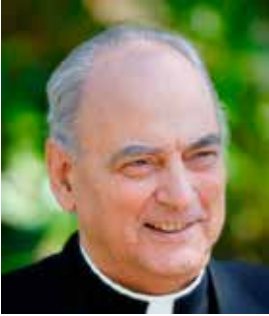
Deputy Director-General of the Joint Research Centre (JRC), European Commission

Maive Rute joined the European Commission in 2005 to become Director for the Promotion of SMEs and Entrepreneurship in DG Enterprise and Industry. She brought in her extensive management experience in the Estonian private and semi-public sector, notably as CEO of KredEx, the funding body for businesses, innovation, housing and export. In the Commission, Ms Rute also worked as Director for Biotechnologies and Agriculture Research and as Resource Director in DG Research and Innovation. Ms Rute graduated as an economist from the Estonian University of Life Sciences. She holds an MBA from the Danube University, Austria, and received an MA in international politics from CERIS, Brussels.



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Marcelo SÁNCHEZ SORONDO

Chancellor of the Pontifical Academy of Sciences and the Pontifical Academy of Social Sciences

Marcelo Sánchez Sorondo was born in Buenos Aires and was ordained a priest in 1968. He was lecturer in the history of philosophy at the Lateran University in Rome where he became full professor. He was dean of the Faculty of Philosophy at the same university and full professor of the history of philosophy at the Libera Università Maria SS. Assunta, Rome. In 1998 he was appointed chancellor of the Pontifical Academies of Sciences and Social Sciences by St John Paul II, who then consecrated him titular Bishop of Vescovio. His awards include, among others, Cavaliere di Gran Croce (Italy), official of honour of the Légion d'Honneur (France), Grão Mestre da Ordem de Rio Branco (Brazil), Official of the Republic of Austria, Knight of the Republic of Chile, Member of Accademia dei Gergofili, Member of the Accademia Italiana del Vino, Corresponding Member of the Academia de Ciencias de Cuba, Orden del Aguila Azteca (Mexico).



Marc SANER

Institute for Science, Society and Policy, University of Ottawa

Marc Saner is an Associate Professor at the University of Ottawa, Canada (Geography, cross-appointed at the Graduate School of Public and International Affairs and the Institute for Science, Society and Policy). His interests are the science/policy interface, the governance of emerging technologies, and environmental risk, ethics and governance. He recently built the new Institute for Science, Society and Policy at the University of Ottawa. He formerly held managing positions at the Council of Canadian Academies, Carleton University's Regulatory Governance Initiative as well as the independent Institute on Governance. He retains appointments as Adjunct Professor at Carleton University and Fellow at the Balsillie School of International Affairs at Waterloo. Marc Saner holds a doctorate in applied ecology from the University of Basel, Switzerland (1991) as well as a Master in applied ethics from Carleton University, Canada (1999).



Daniel SAREWITZ

Director of the Consortium for Science, Policy and Outcomes, Arizona State University

Daniel Sarewitz is Professor of Science and Society, and co-director and co-founder of the Consortium for Science, Policy, and Outcomes (CSPO) at Arizona State University. He is the editor of the magazine *Issues in Science and Technology* and a regular columnist for *Nature*. His most recent book is *The Techno-Human Condition* (co-authored with Braden Allenby; MIT Press). From 1989-1993 he worked on R&D policy issues for the U.S. House of Representatives Committee on Science, Space, and Technology. Along with the writer Lee Gutkind, he has recently started up a new project on science and religion.



Yasushi SATO

Centre for Research and Development Strategy, Japan Science and Technology Agency

Yasushi Sato is a Fellow at the Centre for Research and Development Strategy of the Japan Science and Technology Agency. He is a historian of science and technology, focusing on the post-World War II period. His historical research has centred on the complex interaction between science/technology and politics/policy in the United States and Japan. He also conducts research on issues related to science and technology policy, in particular R&D funding and scientific advice. He was an expert member of the OECD Global Science Forum project on scientific advice for policy making (2013-2015). He previously taught at the National Graduate Institute for Policy Studies in Tokyo, and worked for the then Science and Technology Agency. He has a Bachelor's degree (Engineering, 1994) from the University of Tokyo and a Ph.D. (History and Sociology of Science, 2005) from the University of Pennsylvania.



Fabiana SCAPOLO

Deputy Head of Foresight, Behavioural Insights & Design for Policy Unit, Joint Research Centre of the European Commission

Fabiana Scapolo works at the European Commission's Joint Research Centre (JRC) in Brussels. She is Deputy Head of the Foresight, Behavioural Insights & Design for Policy Unit, which is responsible for the EU Policy Lab which explores, connects and finds solutions for better policies by making sense of emerging trends and envisaging alternative futures, better understanding individual and group behaviours, and engaging, co-developing, prototyping and testing new solutions for policy making. Fabiana has more than 15-year of working experience on foresight both in terms of applying foresight to specific contexts and topics as well as advancing the application of foresight methods and tools in policy making. Fabiana's background is in Political Sciences (University of Milan) and she has a Ph.D. on foresight methodologies (University of Manchester).



Flavia SCHLEGEL

UNESCO Assistant Director-General for the Natural Sciences

Flavia Schlegel took up her duties as Assistant Director-General for the Natural Sciences at UNESCO on 1 October 2014. As of 2008 she was Vice-Consul General of Switzerland based in Shanghai, where she was responsible for overseeing the establishment of Swissnex in China, a transdisciplinary institute for science, technology, innovation and culture. She also served as science counsellor for the United States and Canada in the Embassy of Switzerland in Washington D.C. and as vice-director and member of the executive board of the Swiss Federal Office of Public Health. She is the holder of a Medical Doctorate and a Master's Degree in Organizational Development.



Ricardo SERRÃO SANTOS

Member of the European Parliament

Ricardo Serrão Santos graduated in 1979 as a Bachelor (Licenciatura) in psychology and behavioral ecology at the Instituto Superior de Psicologia Aplicada (ISPA) in Lisbon. He obtained a Master in 1984 from the University of the Azores and received a Ph.D. in 1992 from the University of Liverpool. Between 1997 and 2012 he was Head of the Department of Oceanography and Fisheries of the University of the Azores and 2011-2014 vice-rector of the university. 2006-2014 he served as president of the Institute of Marine Research of the Azores. He is an elected member of the Lisbon Academy of Sciences since 2009. In 2014 he was elected Member of the European Parliament representing the Azores.



Carthage SMITH

Head of the OECD Global Science Forum Secretariat

Carthage Smith joined the OECD as Head of the Global Science Forum (GSF) Secretariat in June 2014. He is responsible for working with national members to define the overall strategy and priorities for the Forum. This includes policy work on research infrastructures, Open Science, research funding mechanisms and science advisory processes. Carthage was originally trained as a biochemist, with a Ph.D. in neuroscience from Newcastle University (UK). Prior to joining the GSF Secretariat, he was deputy executive director of the International Council for Science (ICSU) for twelve years. In this position he led the strategic development of a number of major science initiatives. Before moving to France, he spent six years at the UK Medical Research Council, where he was Head of International Cooperation.



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Robert-Jan SMITS

Director-General for Research and Innovation, European Commission

Robert-Jan Smits is Director-General for Research and Innovation at the European Commission. In this capacity he is responsible for defining and implementing the EU policy and programmes in the field of research and innovation. He was one of the main architects and negotiators of Horizon 2020, the 80 billion Euro programme for science and innovation (2014-2020). Mr Smits has also been instrumental in the development of several policy initiatives in the field of European science and innovation such as the European Research Council (ERC), the European Roadmap for large-scale facilities, Public-Private Partnerships in research, the Innovation Union and the European Research Area (ERA). Mr Smits has degrees from Utrecht University in The Netherlands, Institut Universitaire d'Hautes Etudes Internationales in Switzerland and Fletcher School of Law & Diplomacy in the US.



Sameh SOROR

Helwan University, Co-Chair of the Global Young Academy

Sameh Soror is the Head of the Biochemistry and Molecular Biology Department at the Faculty of Pharmacy of Helwan University and director of the Centre for Scientific Excellence "Helwan Structural Biology Research (HSBR)". He graduated from the Faculty of Pharmacy at Cairo University in 1997 and received his Master degree in genetics from Kaiserslautern University, Germany in 2003, followed by a Ph.D. in genetic engineering in 2007. He worked as postdoctoral researcher at the Free University Brussels and the Flemish Institute for Biotechnology (VIB) from 2008 to 2012. He is co-founder of the Egyptian Young Academy of Sciences (EYAS) and was elected as co-chair of the Global Young Academy 2013-2015. He also served on the board of the Global Council of the IAP Science Education Program.



Vladimír ŠUCHA

Director-General of the Joint Research Centre (JRC), European Commission

Vladimír Šucha is Director-General of the Joint Research Centre of the European Commission, its in-house science and knowledge service. Before joining the JRC, he spent 6 years in the position of Director for Culture and Media in the Directorate-General for Education and Culture of the European Commission. Between 2005 and 2006, he was director of the Slovak Research and Development Agency, the national body responsible for funding research. He was principal advisor for European affairs to the Minister of Education of the Slovak Republic (2004-2005) and worked at the Slovak Representation to the EU as research, education and culture counsellor (2000-2004). In parallel, he has followed an academic and research career, being a full professor in Slovakia and visiting professor/scientist in many countries.



Suad SULAIMAN

Member of the Executive Committee, Sudanese National Academy of Sciences

Suad Sulaiman is professor of parasitology with special training skills in health and environment, scientific research methodology and ethics, research implementation and management, applied field research on neglected diseases, editing of scientific material, and the mentoring and training of researchers and health personnel. She is currently a member of the executive committee and treasurer of the Sudanese National Academy of Sciences, member of the Technical Advisory and Ethical Research committee of the Federal Ministry of Health and a research director at the Sudan Medical Heritage Foundation.



Tina SWIERCZYNSKI

Executive Secretary of the European Climate Research Alliance (ECRA)

Dr Tina Swierczynski has been coordinating the secretariat of the European Climate Research Alliance (ECRA) in Brussels since March 2014. Prior to this she coordinated the Climate Platform, a network of climate-related research institutes and universities in the Berlin-Brandenburg area. She completed her Ph.D. at the German Research Centre for Geosciences GFZ with a thesis about the reconstruction of flood events in the Alps based on lake sediments. Tina Swierczynski studied Geocology and Earth Sciences at the Universities of Potsdam and Grenoble. During her studies she also worked at the Leibniz Institute for Regional Development and Structural Planning (IRS) in Erkner and the Leibniz Centre for Agricultural Landscape Research (ZALF) in Müncheberg.



Bernhard URL

Executive Director of the European Food Safety Authority (EFSA)

Dr Bernhard Url was appointed executive director of EFSA in June 2014. He joined EFSA in June 2012 as head of the Risk Assessment and Scientific Assistance Department. Prior to joining the Authority, Dr Url was managing director of the Austrian Agency for Health and Food Safety (AGES). From 2008 to 2012, he served as a member of EFSA's Management Board. During his 10 years at AGES, he was in charge of technical and scientific affairs with a remit that included the timely delivery of risk assessment and risk management services across a wide range of areas. This included ensuring effective risk communications during urgent food safety-related events. Prior to AGES Dr Url spent five years as an Assistant Professor at the Institute of Milk Hygiene and Milk Technology at the University of Veterinary Medicine in Vienna before running a food quality control laboratory from 1993 to 2002. Dr Url graduated from the University of Veterinary Medicine in Vienna in 1987 and became a Doctor of Veterinary Medicine in 1990.

Image: Slavko Midžorić/Pixell



Sofie VANTHOURNOUT

Director of Sense about Science EU

Sofie has been the Director of Sense about Science EU since May 2016. Sense about Science EU is an independent campaigning NGO that monitors the use and abuse of scientific evidence in EU policy, calling for EU citizens, researchers and the European Parliament to scrutinise and share evidence behind European policymaking. Sofie was trained as a botanist and has a background in molecular biology research. Between 2008 and 2016 she managed the international relations of the Royal Belgian Academies. In 2010, she launched the Brussels office of the European Academies Science Advisory Council (EASAC), which she headed for 6 years. In 2014, she temporarily joined the team of Anne Glover, then Chief Scientific Adviser of the European Commission. It was then that she became passionate about public dialogue and where she became convinced that Brussels is in urgent need of a Sense about Science EU.



Dame Helen WALLACE

Member of Academia Europaea and Fellow of the British Academy

Helen Wallace is a political scientist whose research has focused on the politics of European integration. From 2001 to 2006 she was director of the Robert Schuman Centre for Advanced Studies at the European University Institute in Florence. From 2007-2013 she was a Professor in the European Institute at the London School of Economics and Political Science. She held posts at the Sussex European Institute, the Royal Institute of International Affairs, and the College of Europe. She was elected a Fellow of the British Academy in 2000 and served as Foreign Secretary as well as an *ex officio* Vice-President of the Academy from 2011 to 2015. She is an Honorary Professor at the University of Sussex and became a Dame in 2011.



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Charlotte WATTS

Chief Scientific Adviser at the UK Department for International Development (DFID)

Professor Charlotte Watts was appointed Chief Scientific Adviser at the Department for International Development in October 2015. She is head of the Social and Mathematical Epidemiology Group and founder of the Gender, Violence and Health Centre, in the Department for Global Health and Development at the London School of Hygiene & Tropical Medicine. Originally trained as a mathematician, with further training in epidemiology, economics and social science methods, she has twenty years of experience in international HIV and violence research, addressing in particular violence against women. She is chair of the Expert Working Group to Assess the Global Burden of Inter-Personal Violence. She has served on expert consultations for various UN bodies, and has been on the organising committees of several international AIDS conferences.



Henrik C. WEGENER

Executive Vice-President of the Technical University of Denmark, Chair of the European Commission's High-Level Group of Scientific Advisors

Henrik C. Wegener is Executive Vice-President and Chief Academic Officer at the Technical University of Denmark since 2011. He received his M.Sc. in food science and technology from the University of Copenhagen in 1988, his Ph.D. in microbiology from the same university in 1992, and his Master in Public Administration from Copenhagen Business School in 2005. Henrik C. Wegener has been the director of the National Food Institute at DTU (2006-2011) and before the head of the Department of Epidemiology and Risk Assessment at the National Food and Veterinary Research Institute (2004-2006). From 1994-1999, he was director of the Danish Zoonosis Centre, and from 1999-2004 professor of zoonosis epidemiology at the Danish Veterinary Institute. Since 2015 he serves as the chair of the European Commission's High-level Group of Scientific Advisors.



Erika WIDEGREN

Chairwoman of the Advisory Board of REIsearch

Erika Widegren has been working in the field of connecting science and society for over a decade. She is Chairwoman of the Advisory Board of REIsearch, which is an innovative non-profit European initiative to demonstrate how a technological tool, coupled to a broad network of leading media, research institutions, civil society organisations, and citizens, can help policy makers to make better use of knowledge. Until 2015 Erika was executive director of Atomium Culture's European Institute for Science, Media and Democracy (EISMD). She graduated from the University of Edinburgh in Philosophy and Political Science, where she also continued studies in Economics and Mathematics.



James WILSDON

University of Sheffield, Vice-Chair of the International Network for Government Science Advice (INGSA)

James Wilsdon is Vice-Chair of INGSA and Professor of Research Policy at the University of Sheffield. Previously, James worked as Professor of Science and Democracy at the University of Sussex; Director of Science Policy at the Royal Society; Head of Science and Innovation at the think tank Demos; and Senior Research Fellow at Lancaster University's Institute for Advanced Studies. James is an editor of the Guardian's 'Political Science' blog, and an associate editor of the open access journal Palgrave Communications. He recently chaired an independent review of the role of metrics in the management of the UK's research system, which published its final report *The Metric Tide* in July 2015. Since 2013, he has been chair of the UK's Campaign for Social Science and in 2015 he was elected a Fellow of the Academy of Social Sciences in the UK.



ZAKRI Abdul Hamid

Science Advisor to the Prime Minister of Malaysia and Chair of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)

Zakri Abdul Hamid is currently the Science Adviser to the Prime Minister of Malaysia. From 2001 to 2008 he was the director of the Institute of Advanced Studies at the United Nations University in Japan. Upon returning to Malaysia in 2009, he founded the Centre for Global Sustainability Studies and was appointed by the Prime Minister as the founding chairman of the National Professors Council in 2010. Zakri is one of 26 members of the UN Secretary-General's Scientific Advisory Board and the founding chair of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES). He is joint-chairman of the Scientific Advisory Council for Asia and the Pacific and was appointed in May 2016 to the Governing Council of the UN Technology Bank for the Least Developed Countries. Recently, he was elected as a member of the Governing Board of the Global Research Council. Three species are named after him: a beetle (*Paleosepharia zakrii*); a cicada (*Pomponia zakrii*) and a pitcher plant (*Nepenthes zakriana*).



Alessandra ZAMPIERI

Head of Demography, Migration and Governance Unit, Joint Research Centre of the European Commission

Alessandra Zampieri is Head of the Demography, Migration and Governance Unit in the European Commission's Joint Research Centre (JRC). She is responsible for running the Commission's Knowledge Centre for Migration and Demography (KCMD), which was established in June 2016. The KCMD aims to provide EU policy and decision makers with policy-relevant knowledge and evidence-based analysis in order to strengthen the response to the challenges posed by migration and seize its opportunities and benefits. In addition to supporting the European Agenda on Migration, her unit undertakes research to create and improve knowledge for situational awareness and for anticipating migratory and demographic trends and their impacts on the EU. Alessandra joined the JRC in 2009 after spending several years in Brussels formulating transport policies, first in the competent Commission services and then in the Cabinet of Vice-President De Palacio. At the JRC, she has been Head of the Maritime Affairs Unit tasked with developing scientific and technological methodologies for EU policies related to the sea, including border management.

