

Roundtable 1: Speakers



Ortwin Renn

- Professor and chair of environmental sociology and technology assessment, University of Stuttgart

Professor Renn is currently Director of DIALOGIK, a non-profit institute for communication and cooperation research, and full Professor and Chair of Environmental Sociology of the University of Stuttgart, Germany. He is also Director of the Interdisciplinary Research Unit on Risk, Sustainable Technology Development and Governance at the university. He holds a Diploma in sociology, economics, and journalism, and a Ph.D. in social psychology.

He was awarded Fellow of the American Association for the Advancement of Science (AAAS), Fellow of Society for Risk Analysis (SRA); Member of the panel on "citizen participation" of the U.S. National Academy of Sciences in Washington, D.C.; ordinary member of the Berlin- Brandenburg Academy of Sciences and of the European Academy of Science and Arts. He was also honoured with an Outstanding Publication Award from the Environment and Technology Section of the American Sociological Association. He has published more than 30 books and 250 articles in journals and edited volumes.



Michel Maïla

- President MIGEM Consulting, Toronto

Dr Michel Maïla, a financial economist with 30 years of international banking experience, is an independent consultant in risk management and international finance as well as an executive educator in those two areas. In January 2011 he was elected to the Board of IRGC and in September 2011 he was appointed by the Institute of International Finance as a member of its Board of Directors' Alumni Council. During 2011 Dr Maïla consulted for the Governor of the Banque du Liban, Lebanon's Central Bank. He also led the delivery of two sessions of the Executive Program on Risk Management for the Institute of International Finance (IIF), in Dubai and Miami.

From January 2007 to October 2010, Dr Maïla served as Vice President, Risk Management at the International Finance Corporation (IFC), the Washington-based private sector arm of the World Bank Group. In that capacity, he provided overall direction for IFC's risk management, corporate portfolio management, accounting/financial operations and information technology functions. From December 2008 until June 2009, he also served as the Acting World Bank Group Chief Information Officer.

A dual citizen of Canada and Lebanon, Michel's professional practice spans 3 decades of international finance experience in the Middle East, Europe, North America, Latin America and Asia. Before joining the World Bank Group, he worked for the Bank of Montreal (BMO Financial Group) in London and Toronto from 1983 to 2005.

Michel received a B.A. degree in Economics (with distinction) in 1972 and an MBA degree in Economics and Finance in 1974 from the American University of Beirut. He earned another MBA degree (in International Business) in 1981 and his Ph.D. in International Finance in 1983 from the University of Chicago.



Belinda Cleeland

- Project Manager, IRGC, Geneva

Belinda Cleeland is Project Manager at IRGC, working mostly on projects related to core concepts of risk governance, including the emerging risks project. She holds a BSc in Biochemistry, molecular biology and genetics, and a BA with 1st class honours in Political Science and French from the University of Melbourne, Australia. Belinda has previously worked as an academic research assistant and project officer in French studies, Political Science and European studies at the University of Melbourne, and completed her Master's degree in International Affairs at the Graduate Institute of International and Development Studies, Geneva.



Pierre-Alain Schieb

- Counsellor, Head of Futures Projects, OECD International Futures Programme, OECD, France

Dr Pierre-Alain Schieb is Counsellor in the Advisory Unit to the Secretary-General of the OECD, which manages the International Futures Programme, the OECD's strategic foresight unit. He is in charge of the International Futures Network, and is Head of OECD Futures Projects, such as the projects on Future Global Shocks (see: report [here](#)), Transcontinental Infrastructure Needs to 2030/2050, The Family to 2030 and Risk Management Policies in Selected OECD Countries. Further to recommendations arising from a two year Futures Project, Dr Schieb is also in charge of

the OECD Forum on Space Economics. The aim of the Futures Programme is to help decision makers in government and business identify and evaluate the strategic challenges of a rapidly changing world economy within a long-term perspective.

Dr Schieb earned a PhD (Doctorat d'Etat) in management science from the University of Strasbourg (1981), a DBA in economics and business administration from the University of Aix-en-Provence (1974), and a MSc in quantitative marketing from the University of Sherbrooke (Canada). Dr Schieb has received numerous distinctions such as: the Best Award in Economy (Aix-en-Provence, 1967), Best Dissertation Award (Quebec, Canada, 1974), Chevalier in the French Order of Palmes Académiques (1991).



Gökçe Sargut

- Assistant Professor, Governors State University, University Park, Illinois

Dr Sargut received his Ph.D. from Columbia Business School (Columbia University in the City of New York) in 2005. His teaching and research interests broadly fall under Organization Theory and Strategic Management. His research addresses a diverse set of topics related to these fields, including: the impact of environmental uncertainty and structural change on cultural production, market disruption theory, effects of trust on supply chain networks, the application of social capital theory to the US boards of education, and managing in complex environments.

He recently authored an article on Learning to Live with Complexity, published in the September 2011 issue of the Harvard Business Review (see [here](#)).



Martin Weymann

- Senior Risk Manager / Vice President, Risk Management, Swiss Reinsurance Company

As of Dec 1, 2011 Martin will become Swiss Re's delegate at the Institute of International Finance (IIF) in Washington DC. Since 2006 he is responsible for systematically identifying and assessing emerging risks at Swiss Re. He translates scientific and technical findings into reinsurance insights and business actions. He also supports external risk initiatives such as the Chief Risk Officer Forum and the WEF Global Risk Network.

Previously, Martin served Swiss Re's Asset Management, P&C Underwriting and Risk Management departments. He first joined Swiss Re in 2002 in Group Sustainability Management leading projects in the areas of climate change, water and sensitive business transactions. Before joining Swiss Re he worked for several consultancy and engineering companies. Martin holds a master's degree in environmental sciences from the Swiss Federal Institute of Technology Zurich (ETH). His further education includes risk communication and scenario analysis (Oxford Scenario Master Class).



Natalie Day

- Head of Policy, Oxford Martin School, University of Oxford

Natalie Day is Head of Policy at the Oxford Martin School at the University of Oxford and is responsible for establishing the School as a leading source of policy-relevant research on global challenges and opportunities. Through enabling stronger connections between academics and policy makers, Natalie works to promote evidence based decision making globally as well as fosters networks for robust exchange and advice. Prior to joining the School, Natalie was a Senior Policy Adviser in the Royal Society's Science Policy Centre, where she led an ambitious project on science and innovation in the Islamic world. Natalie was previously a Senior Researcher at the UK think tank, Demos, specialising in global innovation policy. An Australian national, Natalie has also served as a Senior Ministerial Adviser to the Treasurer in the Government of Victoria as well as working to foster Asia-Australia engagement at the University of Melbourne. She has a Bachelor's Degree in Arts (Media Studies) and a Masters in Business Administration.



Sweta Chakraborty

- Research fellow, Centre for Socio-Legal Studies, University of Oxford

Sweta currently works as a research fellow at the Centre for Socio-Legal Studies at the University of Oxford. She holds a PhD in Risk Management; she also holds a BSc in Decision Science and a BA in International Relations. Her thesis looks at the role of trust in chronic prescription drug taking among statin users in New York City. The focus of Sweta's Ph.D. certifies her expertise in Risk and the Public Health and Pharmaceutical Sectors. She has worked extensively on public reactions to drug safety scares and their accompanying implications for future risk management. Understanding public interpretations of risk associated with "high-risk" industries allows for the engineering of responsible and appropriate risk communications for both public and private benefit. Sweta is also qualified to discuss risk related issues in the Oil, Nuclear, Biotech, Food, and Chemicals industries- to name a few. Her key areas of research continue to include risk perception/ management/ communication/ regulation, social trust, and quantitative and qualitative combination risk research methods.

Roundtable 1 participants

Name	Position	Organisation	Country
Andrew Archer	Senior Associate	Crown Prince Court of Abu Dhabi	United Arab Emirates
Olivier Balmat	Head Group Risk Management	Syngenta International AG	Switzerland
Alvin Chew	Senior Assistant Director (National Security Coordination Secretariat)	Prime Minister's Office	Singapore
Lucas Cornips	Scientific Secretary	Health Council of the Netherlands	The Netherlands
Bina Desai	Programme Officer, Global Assessment Report	UNISDR	Switzerland
Kerstin Dressel	Managing Director	Sine-Institut gGmbH	Germany
Marie Valentine Florin	Managing Director	IRGC	Switzerland
Stefanie Frey	Head of Research and Analysis	Officium Consultancy	Switzerland
David Gee	Senior Adviser, (Science, Policy, Emerging Issues, Integrated Environmental Assessment)	European Environment Agency	Denmark
David Gleicher	Project Associate, Risk Response Network	World Economic Forum	Switzerland
Valeria Granata	The Occupational Safety and Health Service (SB-SST)	EPFL	Switzerland
Amela Groso	The Occupational Safety and Health Service (SB-SST)	EPFL	Switzerland
Dirk Helbing	Professor & Chair of Sociology, Risk Center	ETH Zurich	Switzerland
Daniel Imhof	Risk Director	F. Hoffmann-La Roche Ltd., Group Risk Advisory	Switzerland
Aleksandar Jovanovic	CEO	The European Virtual Institute for Integrated Risk Management (EU-VRI)	Germany
Chin Lum KWA	Head, Centre for Strategic Futures	Prime Minister's Office	Singapore
Pierre Lauquin	Long Term Risk Manager	Nestlé	Switzerland
Valérie November	Professor, Study Group on the Spatiality of Risk	EPFL	Lausanne
John O'Brien	Head of Quality & Safety Department, Nestec Ltd.	Nestlé Research Center	Switzerland
Dominic Rau	Director, Financial Risk Management	Deloitte	Switzerland
Heidi Strauss	Risk manager, Group Accumulation & Emerging Risks, Integrated Risk Management	MunichRe	Germany
Pamela van Erve	Senior Policy Advisor, Directorate of National Security	Ministry of Security and Justice	The Netherlands
Christopher Ward	GRC Consultant	PricewaterhouseCoopers	UK
Alex Wittenberg	Partner/ Head of Corporate Risk	Oliver Wyman	USA
Thomas Zimmermann	Member of the Board, Head OA	State Secretariat for Economic Affairs SECO	Switzerland

iron and steel technologies. He is a Past President and a Fellow of the Indian National Academy of Engineering, the Indian Institute of Metals and the Aeronautical Society of India. He is a Fellow of the Indian National Science Academy, National Academy of Sciences and the Indian Academy of Science. He is also the first Indian to be elected as a Fellow of the Royal Academy of Engineering, U.K.



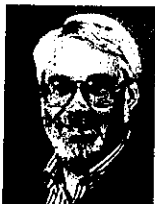
Xue Lan

- Professor and Dean, School of Public Policy and Management, Tsinghua University, P.R. China

Prof. Xue Lan is Dean of the School of Public Policy and Management at Tsinghua University, P.R. China. He is also Adjunct Professor at Carnegie Mellon University and non-resident Senior Fellow of the Brookings Institution. His teaching and research interests include public policy analysis and management, science and technology policy, and crisis management. He has published widely in these areas and is on the editorial board or advisory board of several international academic journals.

He currently serves as a member of the Expert Committee on Emergency Management of the State Council of China, Vice President of China Association of Public Administration, Vice President of Chinese Association of Science of Science and S&T Policy, and Vice Chairman of the National Steering Committee for MPA Education. He is also a member of the Visiting Committee for Kennedy School of Government at Harvard University, the International Advisory Board of UNU-MERIT, the Governing Board of International Development Research Center (IDRC), the International Advisory Board of APEC Technology Foresight Center, and Vice Chair of the World Economic Forum Global Agenda Council on Catastrophic Risk.

Trained as an engineer, Prof. Xue has two master degrees in Technological Systems Management and Public Administration from State University of New York at Stony Brook. He holds a Ph.D. in Engineering and Public Policy from Carnegie Mellon University and taught as an Assistant Professor of Engineering Administration and International Affairs at the George Washington University before returning back to China in 1996. He is a recipient of National Distinguished Young Scientist Award of China and the 2009 Cheung Kong Chaired Professorship.



George Atkinson

**- Director, Institute on Science for Global Policy
- Professor of Chemistry and Optical Sciences at the University of Arizona**

The professional career of Dr Atkinson spans several diverse arenas. His academic experience includes classroom and graduate teaching, scientific research, and administration while in the private sector he launched a new high-technology sensor development company serving the semiconductor industry. In the U.S. government, Dr Atkinson served in several capacities as a science and technology (S&T) adviser including as the Science and Technology Adviser to U.S. Secretaries of State Colin Powell and Condoleezza Rice.

In January 2008, Dr Atkinson launched the new Institute on Science for Global Policy (ISGP). The ISGP is focused on balancing the urgency of addressing immediate S&T challenges with the patience to accurately incorporate emerging and "at-the-horizon" S&T advances in into longer term policies. The structure, security, and prosperity of our "knowledge-based" societies are increasingly dependent on the success our institutions have in meeting these complex and competing challenges.

As ISGP Director, Dr Atkinson seeks to create a new type of international forum in which governmental and societal decision-makers routinely obtain a scientifically objective understanding of the S&T (existing, emerging, and "at-the-horizon") critical to public policy decisions. These are the S&T issues that can be reasonably anticipated to shape the increasingly global societies of the 21st century.



Kenneth Oye

- Associate Professor of Political Science and Engineering Systems; Director, Program on Emerging Technologies, MIT

Kenneth A. Oye serves as Director of the MIT Program on Emerging Technologies (PoET) and holds a joint appointment as Associate Professor of Political Science and Engineering Systems at MIT. He was Director of the MIT Center for International Studies from 1992 to 2000. Prior to MIT, he served on the faculties of Harvard University, Princeton University, the University of California, and Swarthmore College. He holds a BA in Economics and Political Science with Highest Honors from Swarthmore College and a PhD in Political Science with the Chase Dissertation Prize from Harvard University. His books on international relations and political economy include Cooperation Under Anarchy, Economic Discrimination and Political Exchange, and a four volume series on Carter, Reagan and Bush

foreign policy. His works on science and technology policy applying theories and methods from the field of political economy to problems of science and technology policy, with emphasis on appraising market and non-market institutions and processes in light of pervasive uncertainty over risks, benefits, and interests. Professor Oye has served as a consultant to the U.S. Treasury, Commerce and Export Import Bank and the Petersen Institute for International Economics on financial issues, and UNIDO on technology transfer and climate change. He currently serves as a faculty PI in SynBERC, the NSF supported Synthetic Biology Engineering Research Center, as a faculty associate of the MIT Center for Biomedical Innovation and as a member of the National Research Council committee on ethical implications of emerging technologies.



Joyce Tait

- Scientific Advisor, ESRC Centre for Social and Economic Research on Innovation in Genomics (INNOGEN), UK

Prof. Joyce Tait is Scientific Advisor at the ESRC (UK Economic and Social Research Council) Centre for Social and Economic Research on Innovation in Genomics (INNOGEN), based at the University of Edinburgh, Scotland. Prof. Tait has an interdisciplinary background in natural and social sciences and her research interests include risk assessment and regulation, policy analysis, strategic planning in the life science and nanotechnology industry sectors, public and stakeholder perspectives and communication. She is author and co-author of numerous publications. Joyce Tait is a member of the Scottish Science Advisory Committee and also of their 'R&D in Industry' Working Group. She contributed to the Sustainable Food and Farming Research Priorities Group in the UK Government's Department of the Environment, Food and Rural Affairs (DEFRA). She was also a member of the industry and Science Expert Group which acted as an advisor to the Prime Minister's Strategy Unit of the UK Government during its study on costs and benefits of GM crops. She was recently awarded a CBE for services to social science.



Anna Gergely

- Director EHS Regulatory of the International Law Firm Steptoe & Johnson LLP

Dr Anna Gergely is Director EHS Regulatory of the International Law Firm Steptoe & Johnson LLP, based in Brussels. In a role equivalent to partner, Anna is the firm's Principal Scientist, with a PhD in analytical chemistry and quantum chemistry, and is a registered European patent attorney.

Anna Gergely is the expert in legal and regulatory practices of Steptoe in areas of chemicals including the REACH Regulation, agri-biotechnology, biocides, food and feed, food contact materials, medical devices and a range of consumer and industrial products.



João Barros

- Associate Professor, Department of Electrical and Computer Engineering, University of Porto and Director of the Instituto de Telecomunicações in Porto, Portugal

João Barros is an Associate Professor of Electrical and Computer Engineering at the University of Porto and the Director of the Instituto de Telecomunicações in Porto, Portugal, which counts almost 100 active members. Since 2008 he has had a visiting appointment with the Massachusetts Institute of Technology (MIT). In February 2009, Dr Barros was appointed National Director of the CMU-Portugal Program, a five-year international partnership with a total budget of 56M Euros, which fosters collaborative research and advanced training among 12 Portuguese universities and research institutes, Carnegie Mellon University and more than 80 companies. In recent years, João Barros has been PI and Co-PI of numerous national, European and industry funded projects, publishing extensively in the fields of information theory, networking and security, with a special focus on network coding, physical-layer security, sensor networks, and intelligent transportation systems. Dr Barros has received several awards, including the 2010 IEEE Communications Society Young Researcher Award for the Europe, Middle East and Africa region, the 2011 IEEE ComSoC and Information Theory Society Joint Paper Award, and a state-wide best teaching award by the Bavarian State Ministry of Sciences, Research and the Arts. He received his undergraduate education in Electrical and Computer Engineering from the Universidade do Porto (UP), Portugal and Universitaet Karlsruhe, Germany, and the Ph.D. degree in Electrical Engineering and Information Technology from the Technische Universitaet Muenchen (TUM), Germany.

Roundtable 2 participants

Name	Position	Organisation	Country
Timo Assmuth	Senior Researcher	Finnish Environmental Institute	Finland
Isabella Beretta	Scientific Advisor	Swiss State Secretariat for Education and Research	Switzerland
Gérard Escher	Senior Advisor to the President	EPFL	Switzerland
Marie Valentine Florin	Managing Director	IRGC	Switzerland
Richard Gowland	Technical Director	European Process Safety Centre (EPSC)	UK
Urban Gruntz	Head of Corporate Risk Management	Novartis International AG	Switzerland
Dirk Helbing	Professor & Chair of Sociology, Risk Center	ETH Zurich	Switzerland
Daniel Imhof	Risk Director	F. Hoffmann-La Roche Ltd., Group Risk Advisory	Switzerland
Wolfgang Kröger	Managing Director, Risk Center	ETH Zurich	Switzerland
Thierry Meyer	Head of Occupational Safety and Health	School of Basic Sciences, EPFL	Switzerland
Nicolas Müller	Head Federal Crisis Management Training	Federal Chancellery	Switzerland
Ursula Oswald Spring	Professor, Regional Multidisciplinary Research Centre; National Coordinator on Water Research	National University of Mexico	Mexico
Simon Pollard	Head of Department, Environmental Science & Technology; Dean, Faculty of Environmental Science and Manufacturing	Cranfield University	UK
Mireille Quirina	Special Advisor and former Vice President - Corporate Affairs Europe, Middle-East & Africa (EMEA)	Du Pont de Nemours International S.A.	Switzerland
Kathryn Rauhut	Legal Advisor	World Institute for Nuclear Security	Austria
Paul Rieveley	Partner, Audit	KPMG	Switzerland
Takashi Sawada	Vice President	Atomic Energy Society of Japan	Japan
Stephan Schreckenber	Head Risk Research Relations	Swiss Reinsurance Company	Switzerland
Hans Schwarz	Vice President, Process Safety	BASF SE	Germany
Jean-Pierre Sursock	Senior Technical Advisor, Nuclear Power Sector	Electric Power Research Institute (EPRI)	France
John Swanson	Scientific Advisor	National Grid	UK
Victor van Rij	Senior Scientific Advisor	Netherlands Advisory Council for Science and Technology (AWT)	The Netherlands
Francisco Vilhena da Cunha		IRGC Portugal	Portugal
Timothy Walker	Chair, Accounting and Actuarial Discipline Board	Financial Reporting Council	UK
Lasse Wallquist	Project Manager, Energy Technologies	Risk Dialogue Foundation	Switzerland