

WEDNESDAY 4 DECEMBER

08:00	Registration at the Ceremonial Hall	
08:45	Opening in the Ceremonial hall (doors will be closed)	
	Ralf Hemmingsen	Welcome
	Ole Wæver	Introducing the Programme
	Getachew Engida, Dep. Director-General of UNESCO	Opening remarks
	Crown Prince Frederik of Denmark	Attending
09:30	Richard Rhodes	Bohr and the Open World
10:15	Coffee	
10:30	Yukiya Amano	Niels Bohr and Atoms for Peace
11:00	Plenary 1: Military Technologies of Tomorrow	
	Daniel Deudney	Missile Defence and Space Race
	Jürgen Altmann	3-D Printing, Robots, Artificial Viruses: Revolutionary Technologies and the Future of War and Peace
	Ronald J. Deibert	The Confluence of Cyber War, Cyber Crime and Cyber Terrorism
	Dong-Pil Min	Chair
12:30	Lunch in the Ceremonial Hall	
14:00	Parallel Sessions - Chairs and Themes	
	Fernando de Souza Barros	Military Technologies of Tomorrow
	Dennis Meadows	New Global Threats and Possibilities
	Thore Husfeldt	The Internet: A Global Infrastructure of Openness?
	TBD	Politics and Economics with New Technologies
	Mohamed Hassan	Scientists and Politics
15:30	Coffee	
16:00	Plenary 2: New Global Threats and Possibilities	
	Jørgen Villy Fenhann	Climate and Technology: Closing the Gap
	Abdallah S. Daar	From Neglect to Grand Opportunities in Global Health: The Open World Dividend
	Jonathan Moreno	Pandemics, Bioterror and Dangerous Research
	Tomas Bohr	Chair
17:30	Walk to City Hall	
18:00	Reception at the City Hall	
	Susan Hedlund	Welcome
	Bo Lidegaard	Speech

THURSDAY 5 DECEMBER

09:00	Award of the UNESCO Niels Bohr Gold Medal	
	Princess Marie of Denmark	Presenting the medals
	Getachew Engida	
	Christine Antorini, Danish Minister of Education	
	Jimmy Wales	Medal Recipients
	Rolf-Dieter Heuer	
	Alain Aspect	
	Ranga Yogeshwar	Interview of recipients
	Jens-Jørgen Gaardhøje	Chair
10:30	Coffee	
11:00	Plenary 3: The Internet - A Global Infrastructure of Openness?	
	Jimmy Wales	Wikipedia, Democracy and the Internet
	Sir Nigel Shadbolt	Defending and Extending Openness on the Web
	TBD	Chair
12:30	Lunch in the Ceremonial Hall	
14:00	Plenary 3 Continued:	
	Susan P. Crawford	The Battle for Internet Openness
	Caspar Bowden	Intelligence Agencies and the Power Politics of the Internet
	TBD	Chair
15:30	Coffee	
16:00	Plenary 4: Politics and Economics with New Technology	
	Eric Von Hippel	Protecting Individual's Rights to Innovate: "The Innovation Wetlands"
	Carne Ross	Diplomacy and Wikileaks
	Zeynep Tufekci	Transnational information Flows - Revolutions and Repression in the Era of Social Media
	Chris Chambers*	Open Science, Techno-Infrastructure, and Reproducibility of Research
	Wang Delu	Social Innovation in China
	Vilhelm Bohr*	Chair
17:30	Break	
19:00	Dinner Banquet at the National Museum	
	Tor Nørretranders	Dinner Speech
	Frederikke Bohr	Musical Guest
	Helle Porsdam	Conférencier

FRIDAY 6 DECEMBER

09:00	Plenary 5: Scientists and Politics	
	John Naughton	Public Intellectuals and the Natural Sciences
	Katherine Richardson	Planetary Boundaries - Scientists specifying the 'Safe Operating Space for Humanity'
	Naomi Oreskes	IPCC: Science, Politics and Anti-Science
	Spencer R. Weart	Nuclear and Climate Imagery: Science and Society
	Fernando Quevedo	Chair
10:30	Coffee	
11:00	Conclusions	
	Parallel Session Chairs & Co-Chairs	Report from Parallel Sessions
	Ole Wæver	Presentation of the Open Letter addressed to the United Nations
	Morten Østergaard, Minister for Research, Innovation and Higher Education	Chair
	Plenary Q&A	
12:15	Lunch in the Ceremonial Hall	
13:00	Roundtable Discussion	
	Lykke Friis	Moderator
	Dennis Meadows	
	Susan P. Crawford	
	Rolf-Dieter Heuer	
	Paolo Cotta-Ramusino	
	Getachew Engida	
	Sir Nigel Shadbolt	
	Carlos Aragão	Closing comments
14:15	End	

Altmann, Jürgen: Technische Universität Dortmund. One of the founders of the International Committee for Robot Arms Control and director of the project "Unmanned Armed Systems - Trends, Dangers and Preventive Arms Control".

Amano, Yukiya: Director-General of the IAEA. As a diplomat and civil servant for the UN, he has worked on disarmament and non-proliferation. Amano has lectured in International Politics at several Japanese universities.

Antorini, Christine: The Danish Minister of Education.

Aragão, Carlos: Professor and Director-General of the National Center for Research in Energy and Materials (CNPEN), Brazil.

Aspect, Alain: French physicist noted for his experimental work on quantum entanglement. Recipient of the UNESCO Bohr Medal.

Bohr, Frederikke: Danish pop/soul singer, performer, and songwriter. Student at Berklee College of Music, Boston, and great-granddaughter of Niels Bohr.

Bohr, Tomas: Professor of Physics at the Technical University of Denmark and Director of Center for Fluid Dynamics at DTU. Tomas Bohr is grandson of Niels Bohr.

Bowden, Caspar: Microsoft's former Chief Privacy Advisor and now working as an independent internet research. He is known as a firm critic of NSA's surveillance policies, and is one of the main authors of the EU-initiated study on cloud computing and internet privacy.

Cotta-Ramusino, Paolo: Secretary-General of the Nobel Peace Prize-winning Pugwash Conferences on Science and World Affairs and professor of Mathematical Physics at the University of Milan. He also is Senior Researcher at the Italian National Institute of Nuclear Physics.

Crawford, Susan P.: Susan P. Crawford is a professor at the Benjamin N. Cardozo School of Law. She has served as President Barack Obama's Special Assistant for Science, Technology, and Innovation Policy and is a columnist for Bloomberg View.

Dong-Pil Min: Professor Emeritus of Seoul National University, and ambassador-at-large for science and technology cooperation of the Republic of Korea.

Daar, Abdallah S.: Professor of Public Health Sciences and of Surgery at the University of Toronto. He is Director of Ethics and Commercialization at the McLaughlin-Rotman Centre for Global Health, UHN and University of Toronto. He is also the Chief Science and Ethics Officer, and Chair of the Scientific Advisory Board, of Grand Challenges Canada. Member of the UN Secretary General's Scientific Advisory Board.

Deibert, Ronald J.: Professor of Political Science, and Director of the Canada Centre for Global Security Studies and the Citizen Lab at the University of Toronto. He is a co-founder and a principal investigator of the OpenNet Initiative and Information Warfare Monitor projects.

Deibert was one of the founders and VP of global policy and outreach for Psiphon.

Delu, Wang: Founder and director of Great Wall Enterprise Institute, a consulting institute focusing on innovative research. He is Vice-President of the Scientific Research Society and advisor for the municipal government in Beijing.

Deudney, Daniel: Johns Hopkins University. He is Associate Professor and specialized in International Relations, Political Theory and Geopolitics.

Engida, Getachew: Dep. Director-General of UNESCO since 2010. Has previously worked for the International Fund for Agricultural Development (IFAD)

Fenhann, Jørgen Villy: Senior Scientist at the UNEP Risoe Centre. Lead Author in the IPCC Special Report on Emission Scenarios and Lead Author of the energy supply chapter in the IPCC Fourth Assessment Report.

Friis, Lykke: Prorector of the University of Copenhagen. Former MP and Minister for Climate and Energy (2009-2011), Minister for Gender Equality (2010-2011). PhD in international politics from the University of Copenhagen.

Gaardhøje, Jens Jørgen: Member of the organizing committee for "An OpenWorld". Chairman of the Danish UNESCO Science Committee. Doctor of Physics and Professor at the Niels Bohr Institute in Copenhagen.

Hedlund, Susan: Vice president of the Copenhagen City Council.

Hassan, Mohamed: Co-Chair of IAP, the global network of science academies, and Chairman of the Council of the United Nations University. Mr. Hassan was founding Executive Director of TWAS, the academy of sciences for the developing world. He was formerly Dean of the School of Mathematical Sciences, University of Khartoum. Specialist in plasma physics and fusion energy.

Hemmingsen, Ralf: The 258th rector of University of Copenhagen (2005-). He is the former Dean of the Faculty of Health and Professor of psychiatry.

Heuer, Rolf-Dieter: Director-General of CERN in Geneva. The laboratory is built on the ideas of openness and scientific cooperation without borders. Heuer is former Professor at University of Hamburg and Research Director at DESY. Recipient of the UNESCO Bohr Medal on behalf of CERN.

Husfeldt, Thore: Professor of Computer Science, Lund University. Associate Professor, IT University of Copenhagen.

Hippel, Eric von: Economist and professor at the MIT Sloan School of Management, specializing in the nature and economics of distributed and open innovation.

HRH Crown Prince Frederik Crown Prince of Denmark

Lidegaard, Bo: Editor in chief of the Danish national newspaper Politiken. An acclaimed historian and former

diplomat with the Danish Ministry of Foreign Affairs and the Danish Prime Minister's Office.

HRH Princess Marie: Her Royal Highness Princess Marie is Protector for the Danish UNESCO national commission, and will be awarding the Niels Bohr Gold Medals to this year's recipients.

Meadows, Dennis: Professor Emeritus from University of New Hampshire. Professor of Systems Management and co-author of the 1972 book "The Limits to Growth". He is former Director at MIT and Dartmouth and member of The Club of Rome, a think tank focusing on international policy issues.

Moltke, Henrik: Danish science and technology journalist at Harddisken. Part of Mozilla

Moreno, Jonathan: Professor of Medical Ethics and the History and Sociology of Science at University of Pennsylvania. He is a Senior Fellow at Center for American Progress and has served as an advisor for several US administrations and foundations on bioethics.

Naughton, John: Professor John Naughton is a Senior Research Fellow at CRASSH in Cambridge University. He is also Vice-President of Wolfson College, Cambridge, Emeritus Professor of the Public Understanding of Technology at the Open University and the Technology columnist of the London Observer.

Nørretranders, Tor: Danish science writer. Honorary Professor at the Department of Management, Politics and Philosophy at Copenhagen Business School. Nørretranders' books and lectures have primarily been focused on science and its role in society and the integration of new findings in science.

Oreskes, Naomi: Professor of History and Science Studies at the University of California, San Diego, Adjunct Professor of Geosciences at the Scripps Institution of Oceanography, and an internationally renowned historian of science. She has a long-standing interest in understanding the establishment of scientific consensus and the role and character of scientific dissent.

Porsdam, Helle: Professor of American Studies at SAXO Institute, Department of History, University of Copenhagen.

Quevedo, Fernando: Director of the International Centre for Theoretical Physics and Professor of Theoretical Physics at University of Cambridge. He specializes in theoretical particle physics.

Rhodes, Richard: Historian, author and journalist; an affiliate at Center for International Security and Cooperation at Stanford University. He is a well-known historian who has written several books on the creation of the atomic bomb, nuclear power and nuclear history in general, among them is the Pulitzer Prize-winning book "The Making of the Atomic Bomb".

Richardson, Katherine: Professor in Biological Oceanography at University of Copenhagen and Leader of Sustainability Science Centre: A centre focused on Climate control of marine ecological processes. She was

chair of the Danish Commission on Climate Change Policy and co-author of the 2009 article in Nature, outlining the concept of Planetary Boundaries.

Ross, Carne: Founder and director of Independent Diplomat, a diplomatic advisory group. He served in the British foreign service in 1989-2004.

Shadbolt, Sir Nigel: Professor of Artificial Intelligence and co-founder of the Open Data Institute with Sir Tim Berners-Lee. The Institute seeks to promote an Open Data culture, creating knowledge which addresses local and global issues. His research focusses on Web Science and Semantic Technologies.

Souza Barros, Fernando de: He is professor emeritus at the Federal University of Rio de Janeiro and a member of the Brazilian Academy of Ciências.

Tufekci, Zeynep: Technosociologist with experience in the area of the Arab Spring, the Gezi Park protests, and social media. assistant professor at the University of North Carolina, Chapel Hill at the School of Information and Library Science (SILS).

Underdal, Arild*: Political Science and Professor at the University of Oslo, specialized in international decision-making processes and environmental governance.

Wales, Jimmy: Founder and spokesman of Wikipedia, a free open content encyclopedia. In 2006 he was on Times Magazine's list of the world's most influential people. Recipient of the UNESCO Bohr Medal.

Weart, R. Spencer: He is a trained physicist and noted historian specialized in the history of modern science. He has both served as Director of the Center for History of Physics from 1974-2009 and the AIP Niels Bohr Library. He has published original works on both the images of nuclear fear and the scientific discovery of climate change.

Wæver, Ole: Chairman of the Organizing Committee behind An Open World and Professor of International Relations at the University of Copenhagen. He established the Centre for Advanced Security Theory and led the development of "securitization theory", known as the Copenhagen School in security studies.

Yogeshwar, Ranga: An Indian-Luxembourgian physicist and science journalist. He has been a part of several TV-programs on science and holds a degree in particle physics from Aachen University.

Østergaard, Morten: Danish Minister for Research, Innovation and Higher Education and MP. He holds a master's degree in political science from the University of Aarhus.

* To be confirmed