

# AN OPEN WORLD

## 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 and Report from Parallel Sessions Chairs and Co-Chairs

Fernando de S. Barros / Gurjit S. Lalli	Military Technologies of Tomorrow (1)
Dennis Meadows / Warinthorn Songkasiri	New Global Threats and Possibilities (2)
Tore Husfeldt / Mohd Z. Abidin Ab Kadir	The Internet: A Global Infrastructure of Openness? (3)
Pär Ågerfalk / Yulia Serdyukova	Politics and Economics with New Technologies (4)
Mohamed Hassan / Aftab Ahmad	Scientists and Politics (5)
Ole Wæver	Presentation of the New Open Letter to the United Nations
Morten Østergaard	Chair
Plenary Q&A and Open Discussion	

### 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 Alberto Araújo de Carvalho Filho	Closing comments

### 14:15 Closure



## PLENARY 5: SCIENTISTS AND POLITICS

Decision makers need to be informed by cutting edge scientists. Scientists face difficult dilemmas in relation to both the social implications of their science and their public responsibility. Interfaces for science, policy and society need to be developed. Meanwhile, the public image of science undergoes change.

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

**Katherine Richardson:** Professor in Biological Oceanography at University of Copenhagen and leader of the University's Sustainability Science Centre. She was one of the main organisers of the big scientific conference seeking in 2009 to inform the COP15 summit. She is also chair of the Danish Commission on Climate Change Policy and co-author of a 2009 article in Nature, outlining the concept of Planetary Boundaries.

**Naomi Oreskes:** 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 character of scientific dissent.

**Spencer R. Weart:** Physicist and noted historian specialized in the history of modern science. He served as Director of the Center for History of Physics at American Institute of Physics from 1974-2009. He has published original works on both the images of nuclear fear and the scientific discovery of climate change.

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

## CONCLUSIONS

**Ole Wæver:** See Opening Ceremony page 5.

**Morten Østergaard:** Master in political science from Århus University, Danish Minister for Research, Innovation and Higher Education and Member of Parliament for the Danish Social-Liberal Party.

**Parallel Session Chairs and Co-chairs:** See pages 10-14.

## ROUNDTABLE DISCUSSION

**Lykke Friis:** Ph.d., Prorector of University of Copenhagen. Former MP, Minister for Climate and Energy (2009-2011) and Minister for Gender Equality (2010-2011).

**Dennis Meadows:** Professor Emeritus of Systems Management at University of New Hampshire. 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.

**Rolf-Dieter Heuer:** See the UNESCO Niels Bohr Gold Medal Award Ceremony, page 7.

**Paolo Cotta-Ramusino:** 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 is also Senior Researcher at the Italian National Institute of Nuclear Physics.

**Getachew Engida:** See Opening Ceremony page 5.

**Susan P. Crawford:** See Plenary 3 page 7.

**Sir Nigel Shadbolt:** See Plenary 3 page 7.

**Carlos Alberto Aragão de Carvalho Filho:** Professor, Director-General of the National Center for Research in Energy and Materials. Renowned physicist, with a strong academic record, Professor Aragão has held positions at the federal government related to scientific and technological development. He is a member of the Brazilian Academy of Science.