



ACCADEMIA NAZIONALE DEI LINCEI

XVIII EDOARDO AMALDI CONFERENCE

International Security and the Role of Scientific Academies

Rome, 13 - 15 November 2010

Programme

Saturday 13 November

- 9.30 Opening addresses:
Lamberto MAFFEI, President of the Accademia Nazionale dei Lincei
Luciano MAIANI, President of CNR (National Research Council, Rome)
Giovanni LELLI, Commissioner of ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development, Rome)
Edoardo VESENTINI, Chair of the Amaldi Conferences, Accademia Nazionale dei Lincei
- 10.30 Coffee break
- 11.00 The Panofsky Lecture
Chair: Luciano MAIANI (CNR, Rome)
John P. HOLDREN (Office of Science and Technology Policy, Washington DC)
*Scientists' Roles in Public Policy:
Reflections on Challenges and Opportunities Past and Present*
- 13.00 Lunch break
- 15.00 Second session - **Towards a Nuclear-Weapon-Free World**
Chair: HU Side (China Academy of Engineering Physics, Beijing)
Invited speakers: Alexei ARBATOV (Carnegie Endowment for International Peace, Moscow), Paolo COTTA-RAMUSINO (Pugwash Conferences on Science and World Affairs - University of Milan), Catherine KELLEHER (University of Maryland, College Park)
- 16.30 Coffee break
- 17.00 Third session - **Towards a Nuclear-Weapon-Free World** (continued)
Chair: Klaus GOTTSTEIN (Max Planck Institute for Physics, Munich)
Invited speakers: John FINNEY (University College, London), Götz NEUNECK (University of Hamburg), Bernard NORLAIN (National Defence Studies Committee, Paris), WU Jun (China Academy of Engineering Physics, Beijing)
- 19.00 End of the session

Sunday 14 November

- 9.30 Fourth session - **Energy for the Developed and Developing World. Alternative Energy Sources**
Chair: Giovanni LELLI (ENEA, Rome)
Invited speakers: Hardo BRUHNS (University of Heidelberg), David FAIMAN (Ben-Gurion University of the Negev, Sede Boqer), Carlos FEU ALVIM (Ecentex, Rio de Janeiro)
- 11.00 Coffee break
- 11.30 Fifth session - **The Economics and Ecology of Nuclear Energy**
Chair: Tatsujiro SUZUKI (Japan Atomic Energy Commission, Tokyo)
Invited speakers: Laura CASTELLUCCI (University of Rome "Tor Vergata"), Stefano MONTI (ENEA, Bologna)
- 13.00 Lunch break
- 15.00 Sixth session - **The Proliferation of Nuclear Weapons**
Chair: Catherine KELLEHER (University of Maryland, College Park)
Invited speakers: Harald MÜLLER (Peace Research Institute, Frankfurt), Joseph F. PILAT (Los Alamos National Laboratory), Carlo TREZZA (IASD, Institute of Defence High Studies, Rome)
- 16.30 Coffee break
- 17.00 Seventh session - **The Dangers for Terrorism implied by the Existence of Weapon-Grade Fissile Materials**
Chair: Francesco CALOGERO (Sapienza University of Rome)
Invited speakers: Matthew BUNN (Harvard University, Cambridge), Tatsujiro SUZUKI (Japan Atomic Energy Commission, Tokyo)
- 18.30 End of the session

Monday 15 November

- 9.30 Eighth session - **General discussion**
Chair: Carlo SCHAERF (University of Rome "Tor Vergata")
Invited speaker: Klaus GOTTSTEIN (Max Planck Institute for Physics, Munich)
- 11.00 Coffee break
- 11.30 Ninth session - **General discussion** (continued)
Chair: Edoardo VESENTINI (Chair of the Amaldi Conferences)
- Closing of the Conference
- 13.00 Lunch
- 14.30 Meeting of the Amaldi Conferences International Advisory Committee
- 17.00 Welcome reception by the President of the Italian Republic

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