

# ACCADEMIA NAZIONALE DEI LINCEI

## XIV INTERNATIONAL AMALDI CONFERENCE ON PROBLEMS OF GLOBAL SECURITY

27-29 APRIL 2002

CERTOSA DI PONTIGNANO (SIENA)

**Saturday, 27 April**

- 9.00 Opening Remarks: Edoardo Vesentini

### **Non-proliferation and anti-terrorism**

**Chair: Wolfgang K. H. Panofsky**

- 9.15 The Technical Opportunities for a Sub-national Group to Acquire Nuclear Weapons, **Al Narath** (USA)
  - 9.40 Discussion
- 10.00 The State of Nuclear Materials, Protection, Controls and Accounting U.S., Russia and Europe, **Annette Shaper** (Germany)
  - 10.45 Coffee break
- 11.15 Pakistan and India, **Pervez Hoodbhoy** (Pakistan), **S. Rajagopal** (India)
  - 12.15 Discussion
  - 13.00 Lunch

### **The Posture of Nuclear Weapons**

**Chair: Francesco Calogero**

- 15.00 Prospects for Comprehensive Reductions of Nuclear Weapons Inventories, **Spurgeon M. Keeny** (USA)
- 15.45 The Role of European Nuclear Weapons, **Camille Grand** (France)
- 16.15 Chinese Nuclear Weapons and Their Role in Global Security, **Hu Side** (China)
  - 17.00 Coffee break
- 17.30 Summary: The Evolving Nuclear Postures and their Relation to Control of Proliferation, **Wolfgang K. H. Panofsky** (USA)
  - 18.00 Discussion

**Sunday, 28 April**

### **Chemical and biological/bacteriological weapons.**

**Chair: Brian Heap**

- 9.00 Modelling epidemic spread and countermeasure: a tool to assist emergency planning and response, **Charles R. Penn** (UK)
  - 9.40 Discussion
- 10.00 The risk of chemical and biological terrorism, discussing chemical disarmament in relation with the risk, **Armand Lattes** (France)
  - 10.40 Discussion
  - 11.00 Coffee break

**Chair: Sergio Carrà**

- 11.30 Developing and maintaining resilience to Chemical and Biological Terrorism: detection, protection and medical countermeasures, **Peter Blain** (U.K.)
  - 12.10 Discussion
  - 13.00 Lunch

**Chair: Sergio Carrà**

- 15.00 Elements of the CWC and the BWC addressing the risk of chemical and biological terrorism, **Thilo Marauhn** (Germany)
  - 15.40 Discussion
- 16.00 Verification of compliance with Biological Weapons Arms Control agreements, **David Kelly** (UK)
  - 16.40 Discussion
  - 17.00 Coffee break

**Chair: Brian Heap**

- 17.30 The CWC: a seed of world governance?, **Ian Kenyon** (U.K.)
  - 18.10 Discussion
  - 18.30 General discussion session

**Monday, 29 April**

**Racism, Xenophobia, Migrations and Ethnic Conflicts**

**Chair: Massimo Livi Bacci**

- 9.00 Genetic variation within and among human groups, **Guido Barbujani** (Italy)
  - 9.40 Discussion
- 10.00 The origins of war, **Henry de Lumley** (France)
  - 10.40 Discussion
  - 11.00 Coffee break
- 11.30 Problems of minorities and migration policies, **Annemarie von Hammerstein Dupré** (Italy)
  - 12.10 Discussion
  - 13.00 Lunch

**Chair: Carlo Schaerf**

- 15.00 Ethno-religious and territorial conflicts in Israel/Palestine: a demographic perspective, **Sergio Della Pergola** (Israel)
  - 15.30 Discussion
- 16.00 The influence of the debate among the Muslim leadership on European Islam: the Belgo-European case, **André Deruyttere** (Belgium)
  - Discussion
  - 16.30 Coffee break
- 17.00 Terrorism and substate violence: the ethnic, religious and political roots of terrorism, **Catherine MacArdle Kelleher** (USA) and **Alessandro Silj** (Italy)
  - 18.00 Discussion

**Chair: Edoardo Vesentini**

- 18.30 The contribution of Academies to the problems of global security, **Giorgio Salvini** (Italy)
- 19.00 Future prospects and closing of the conference, **Edoardo Vesentini** (Italy)