

# ACCADEMIA NAZIONALE DEI LINCEI

## XV Amaldi Conference on Problems of Global Security

Helsinki, 25-27 September 2003

House of the Estates

### Thursday, 25 September

- 9.00 Opening remarks: Edoardo Vesentini
- 9.15 Address of the local organizer: Risto Ihamuotila

#### SESSION 1: Nuclear weapons 1

Chairs: W.K.H. Panofsky, Francesco Calogero

- 9.30 Inadvertent and accidental use of nuclear weapons - The status of command and control. Valeriy Yarynich (Russia)
- 11.00 Coffee break
- 11.15 Regional conflict. Pervez Hoodbhoy (Pakistan), K. Santhanam (India) (cancelled his participation), Hu Side (China)

#### SESSION 2: Nuclear weapons 2

Chairs: W.K.H. Panofsky, Francesco Calogero

- 14.30 The proliferation challenge WKH Panofsky (SLAC, USA)
- 15.45 Coffee break
- 16.00 Terrorist use of nuclear weapons and control of weapons-useable materials
- Annette Schaper (Germany), M. Maerli (Norway), Francesco Calogero (Italy),

### Friday, 26 September

SESSION 3: Revolution in military affairs, information warfare, and vulnerability of the information society

Chairs: Carlo Schaerf, Götz Neuneck

- 9.00 Precision munitions and the systems in which they are imbedded-- GPS, mapping, high-resolution radar, and also non-lethal weapons. Richard Garwin (USA)
- The revolution in military affairs in the Unites States of America. Gary Chapman (USA)
- Information warfare, network security and critical infrastructure. Christoph Busch (Germany)
- 11.10 Coffee break
- 11.25 Military revolution impact on Chinese defence policy. Hu Side (China)
- Space as a new medium of warfare? Götz Neuneck (Germany)

#### SESSION 4: Chemical warfare

Chairs: Thomas Inch, Pirjo Mäkelä

- 14.30 A brief review of technical issues on chemical warfare. Jiri Matousek (Czech Republic)
- 15.45 Coffee break
- 16.00 Legal aspects relating to the CW convention. Julian P. Perry Robinson (UK)

**Saturday, 27 September**

**SESSION 5: Small arms**

Chair: Jo Husbands

- 9.00 The rise of small arms/light weapons as an international policy issue. Jo Husbands (NAS, USA)
- The role of small arms in humanitarian crises. Edward Mogire (BICC, Kenya)
- Discussion
- 11.00 Coffee break
- 11.15 Government initiatives to curb the proliferation and misuse of small arms. Introduction by Jo Husbands
- The role of civil society in fighting the spread and misuse of small arms/light weapons around the world. Rebecca Peters (IANSA, UK)
- Discussion

**SESSION 6: The Role of International Organisations**

Chair: Klaus Gottstein, Raimo Väyrynen

- 14.30 The role of the United Nations in international security - reform and reinforcement. Thilo Marauhn (University of Giessen, Germany)
- The role of NATO and EU in the context of transatlantic relations. Alyson Bailes (SIPRI, Stockholm)
- 15.40 Concluding discussion and farewell words: Giorgio Salvini