

## A CONTRIBUTION TO PEACE AND INTERNATIONAL SECURITY

Rome, Accademia Nazionale dei Lincei, 27-29 September 1993

### PROGRAMME

#### Monday 27 September

##### Opening addresses

- G. Salvini (President of the Accademia Nazionale dei Lincei)
- U. Colombo (Minister of University and Scientific and Technological Research)
- G. Spadolini (President of the Italian Senate)

##### 1) *Regional security structures*

- C. Kelleher: *A renewed security partnership? The United States and Europe in the 1990s*
- E. Vilkas: *Security: Lithuanian case*
- L. Valki: *NATO and the security of East-Central Europe*
- L. Brock: *Regionalism and universalism in international security policies*
- L. Kuznicki: *Conditions for regional security policies in the Baltic States*

##### 2) *The physical heritage of the cold war*

###### 2.1) *Prospects for deeper reductions and non-use of nuclear weapons*

- V. Goldanskii: *Preoccupation and hopes regarding the control of nuclear weapons*
- U. Sultanghazin: *Nuclear weapons in Kazakhstan and their future*
- Y. Matseiko: *Non-proliferation of nuclear weapons: Ukrainian case*

###### 2.2) *Disposal and management of excess nuclear weapons and weapons material*

- A. Jaumotte: *Recent advances in recycling military plutonium: too many words, too few actions*
- W. K. H. Panofsky: *Disposal and management of excess nuclear weapons and weapons material*

#### Tuesday 28 September

##### 3.1) *Controlling trade and transfer of conventional weapons* 3.1) *Trade and transfer of conventional weapons*

- P. C. Terenzio: *Transparency in conventional arms transfers*
- J. Husbands: *The arms trade in a time of transition*

##### 3.2) *Conversion and control of multiple (dual) use technology*

- J. Delpech: *Control of dual use technology*
- U. Farinelli: *The conversion of military industry and the problem of dual-use technology*
- A. Jaumotte: *Can we forge our swords into ploughshares?*

4) *The control of proliferation of weapons of mass destruction*

4.1) *The future of the NPT*

- A. Wasilkowski: *The future of the non-proliferation regime in the post-cold war world*
- U. Colombo: *An outlook on the nuclear non-proliferation regime*
- C. Eisenbart: *The future of the NPT - Hazards and prospects*
- R. Avenhaus: *Safeguards systems analysis: technical solutions for political problems*
- J. Holdren: *The importance of a comprehensive test ban treaty*

4.2) *The multilateral CW Treaty and its prospects*

- P. Doty: *Ending the threat of chemical warfare*
- K. Lohs: *The elimination of chemical weapons under the Chemical Weapons Convention - Technical possibilities and environmental consequences*

**Wednesday 29 September**

5) *The role of scientific Academies in arms control and security*

Chairman: J. Holdren

Discussion leader: K. Gottstein

- T. Toyoda: *Learning from the Accademia dei Lincei*
- K. Gottstein: *The need for neutral scientific advice in complex situations of high risk*
- G. Prisacaru: *The role of national scientific Academies in the new Europe*
- S. Mascarenhas: *The importance of advanced scientific and technological training for the Third World*
- P. Germain: *The French Committee: science, technology, strategy*
- R. Peierls: *Technology transfer through research training*
- R. Villegas: *Science, development, social justice and peace in Latin America*

6) *The role of the United Nations in arms control and disarmament*

- V. Petrovsky: *New dimensions of disarmament, and the post cold war era*
- I. Supek: *The United Nations and Europe in maintaining peace and striving to general and complete disarmament*
- F. Calogero: *Report on the Pugwash Conference*

7) *The role of the Amaldi Conference in the search for solutions to problems of general concern*

- P. Sylos Labini: *New perspectives for the world economy and the development of Third World countries*
- G. Salvini: *Instability and wars: some help from science*