

X Edoardo Amaldi Conference

THE PATH TO A SECURE WORLD

Paris, 20-22 November 1997

PROGRAMME

Thursday 20 November

Opening Session

Y. Quéré: *Welcome*

E. Vesentini: *Introductory address*

G. Salvini: *The Amaldi Conferences. 10 years of activities*

1) Nuclear weapons

1.1) Past and present status of nuclear weapons

T. de Montbrial: *What is a "nuclear" State?*

T. Marauhn: *Dispute settlements clauses in nuclear weapons-related arms control and disarmament agreements*

R. S. Pease: *The future of nuclear weapons in the UK*

W. F. Burns: *The future of US nuclear weapons*

F. Géré: *The future of nuclear weapons in France*

Y. Ossipyan: *The future of Russian nuclear weapons; possible future restraint beyond Start II*

R. Garwin: *De-alerting of nuclear retaliatory forces*

Friday 21 November

1.2) Comprehensive Test Ban Treaty (CTBT)

Y. Caristan: *Scientific and technical control of CTBT*

A. Schaper: *Test simulation and the scope of the CTBT*

1.3) Disassembly of nuclear weapons and disposal of fissile material

B. Sicard: *Recycling military plutonium (Pu as a fuel)*

W. H. K. Panofsky: *Disassembly of nuclear weapons and disposition of materials*

J. P. Contzen: *Environmental monitoring: a tool for Disarmament Control*

A. Jaumotte and A. Michel: *remarks on "Recycling military Plutonium: a brief point on the situation"*

This session is sponsored as a NATO "Advanced Research Workshop"

1.4) Prohibition of nuclear weapons. Nature and stability of a world without nuclear weapons

C. Eisenbart: *Nuclear weapon free zones: a critical assessment*

- G. Salvini: *A nuclear weapons free world*
V. I. Goldanskii, S. N. Rodianov: *On the nuclear energy in a nuclear free world*
E. Roucouas: *The two advisory opinions of the International Court of Justice on the "legality of the threat or use of nuclear weapons"*
F. Calogero: *Progress towards the achievement of a nuclear weapons free world*
W. H. K. Panofsky: *The balance of risks inherent in a nuclear weapons free world*

2) *"Window" Session: science advice to the United Nations*

K. Gottstein: *Science advice to the United Nations*

J. Freimanis: *UNESCO: the sole real science channel to the UN? Praxis of Latvia*

Saturday 22 November

3) *Conventional weapons*

P. C. Terenzio: *Transparency in conventional arms transfer: the UN Register of Conventional Arms*

J. Husbands and R. Garwin: *Progress in humanitarian demining: technical and policy challenges*

S. Wisotzki: *Progress in negotiating comprehensive APM ban*

4) *Dual-use technologies*

M. Ferrier: *What is a dual-use technology?*

A. Tavkheldze: *Prospects of dual use technologies in Georgia*

N. V. Sabotinov: *Bulgarian laser technologies*

U. Sultangazin: *Kazakhstan on the path towards sustainable development after the Cold War*

In the absence of A. Tavkheldze, the text will be available

5) *General report on the conference* by F. Géré