

*ISODARCO Beijing Second Seminar on Arms Control
Beijing, China; 4-8 April, 1990*

This Meeting was jointly organized by the Beijing Institute of Applied Physics and Computational Mathematics (IAPCM), the China Institute of Contemporary International Relations (CICIR) and the International School on Disarmament and Research on Conflicts (ISODARCO). It was supported by the John D. and Catherine T. MacArthur Foundation, as well as by the following Chinese institutions: Beijing Institute of System Engineering, Beijing Integral Institute of Electric Engineering, China Academy of Launch Vehicle Technology, China National Nuclear Corporation, Chinese People's Association for Peace and Disarmament, International Technology and Economy Institute, Research Institute of Chemical Defence, Southwest Institute of Nuclear Physics and Chemistry.

The meeting was attended by 84 Chinese and 16 foreign participants. All foreign participants and most of the Chinese participants stayed through the meeting at the Jade Palace Hotel, where all participants had all their meals and many social and private opportunities to interact informally. The plenary session took place next door, at the Institute #501 of the Aeronautical Department. At the opening session, Carlo Schaerf, Director of the International School on Disarmament and Research on Conflicts (ISODARCO) said:

Dear friends and colleagues,

it is indeed a great pleasure to be here again with you for our second Beijing seminar on arms control, and I wish, first of all, to thank my dear friend Prof. Hu Side and his collaborators for making this meeting possible. Our first seminar in 1988 was a very successful one and I am sure that Prof. Hu Side will make this an even better meeting.

This gathering was originally scheduled for the fall of 1989 but during the tragic events of June it was unanimously decided to postpone it. The final rescheduling of the seminar produced a painful debate among our friends from the United States and Western Europe. Some felt that we should not come to China at this time while others were eager to continue the very fruitful and friendly contacts that we were having with our Chinese friends and colleagues: with all of you here. As usual with matters of conscience, the final decisions were individual. Some friends decided not to come, and we respect their decisions. We, here, decided that the climate of friendship and understanding and constructive debate among scientists is too important to help building a more peaceful and tolerant world, and that we should continue our work with all of you in this direction.

The seminar turned indeed out to be very well organized and quite successful as regards the quality of the lectures, of the discussions and generally of the participants, as well as the many opportunities for in depth discussion on all topics in small informal groups and through private and friendly contacts. It is a pleasant duty to thank all our Chinese hosts for the excellent organization and the congenial setting and atmosphere.

PROGRAMME

Wednesday 4 April, 1990

08.30 - 12.00	Chair: Hu Side
08.30 - 08.40	Hu Side : Introductory remarks
08.40 - 09.10	Carlo Schaerf : Disarmament and arms control today
09.10 - 09.30	Discussion

09.30 - 10.20	Francesco Calogero: Scientists in the quest for peace: the Pugwash movement
10.20 - 10.40	Break
10.40 - 11.10	Discussion
11.10 - 11.50	Richard Garwin: Why and how we should keep space free of arms
11.50 - 12.00	Discussion
12.30	Lunch
14.30 - 18.00	Chair: Carlo Schaerf
14.30 - 15.00	Du Xiangwan: Space non-weaponization: an urgent task for arms control
15.00 - 15.40	Discussion
15.40 - 16.00	Huang Zuwei: Non-weaponization in outer space
16.00 - 16.10	Discussion
16.10 - 16.30	Break
16.30 - 17.10	Panel Discussion: Richard Garwin, Du Xiangwan, Huang Zuwei
17.10 - 17.50	Hu Xueze: Characteristics and trends in the interaction among technologies, deterrence and disarmament
17.50 - 18.00	Discussion
18.30	Dinner
20.00	Tea party at Hotel

Thursday 5 April, 1990

08.30 - 12.00	Chair: Du Xiangwan
08.30 - 09.00	Richard Garwin: The future of nuclear weapons
09.00 - 09.45	Discussion
09.45 - 10.30	Robert Neild: The relationship of strategic to political aims
10.30 - 10.50	Break
10.50 - 11.30	Discussion
11.30 - 12.00	Qin Zhongmin: The impact of radical reductions of nuclear weapons on strategic stability and prospects for disarmament
14.00 - 17.00	Chair: Francesco Calogero
14.00 - 14.35	W. Doyle-Evans: The Limited Test Ban Treaty
14.35 - 14.50	Discussion
14.50 - 15.20	Joseph Goldblat: Is a comprehensive test ban achievable?
15.20 - 15.40	Discussion
15.40 - 16.20	Hu Side: A feasible way towards a Comprehensive Test Ban (CTB)
16.20 - 17.00	Discussion
17.30	Dinner
19.15	Acrobatics show

Friday 6 April, 1990

08.30 - 12.00	Chair: Anatoly Diakov
08.30 - 08.40	Thomas Cochran: Brief introduction on the structure and research programs of the Natural Resources Defense Council
08.40 - 09.20	Robert Stan Norris: Chinese nuclear weapons and arms control
09.20 - 10.00	Discussion
10.00 - 10.20	Break
10.20 - 11.00	Chen Xueyin: The prospects and related issues of radical nuclear arms reductions
11.00 - 11.30	Discussion

11.30 - 11.50	William Kerby: The impact of space weapons on strategic stability and the prospects for disarmament
11.50 - 12.00	Discussion
12.30	Lunch
14.00 - 17.00	Chair: Shen Jinfu
14.00 - 14.40	David W. Dorn: On site inspections for verification of compliance with treaties
14.40 - 15.10	Discussion
15.10 - 15.40	Vladimir Akimov: Strategic stability and the ASK computer program
15.40 - 16.00	Discussion
16.00 - 16.40	Xia Yishan: The motives of Soviet-American arms reductions and their prospects in the 1990s
16.40 - 17.00	Discussion
18.30	(all foreign participants and accompanying persons and some Chinese participants) Banquet at the Great Hall of People, hosted by professor Zhou Peiyuan , President, Chinese People's Association for Peace and Disarmament

Saturday 7 April, 1990

08.30 - 12.50	Chair: He Zuoxin
08.30 - 09.20	Joseph Goldblat: The nonproliferation treaty: status of implementation and the threatening developments
09.20 - 09.30	Discussion
09.30 - 10.10	Shu Yuan Hsieh: What China can do in leading the Third World curbing nuclear weapons development
10.10 - 10.30	Discussion
10.30 - 10.50	Break
10.50 - 11.20	Pan Zhenqiang: Reflections on the problem of nonproliferation of nuclear weapons
11.20 - 11.40	Discussion
11.40 - 12.20	Francesco Calogero: Nuclear weapon proliferation
12.20 - 12.50	Discussion
13.00	Lunch
14.30 - 18.00	Chair: Richard L. Garwin
14.30 - 15.20	Martin M. Kaplan: Biological and chemical weapons
15.20 - 15.30	Discussion
15.30 - 16.10	Catherine M. Kelleher: Conventional arms reduction in Europe
16.10 - 16.30	Discussion
16.30 - 16.50	Break
16.50 - 17.10	Discussion
17.10 - 17.45	Robert Neild: What is now the problem of European security and how should it be approached?
17.45 -	Discussion
18.30	Dinner
20.00	Tea party

Sunday 8 April, 1990

08.30 - 10.30	Working Groups (in Jade Palace Hotel)
	WG1: The deweaponization of outer space. Chair: Huang Zuwei

WG2: Nuclear disarmament and nuclear test bans. Chair: **Chen Xueyin**
WG3: Arms control and international security. Chair: **Pan Zhengqiang**

11.00 - 11.30

Final plenary session
Chair: **Hu Side**
Interventions by **Carlo Schaerf** and **Shen Jinfu**

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LIST OF PAPERS

The Prospects and Related Issues of Radical Nuclear Arms Reductions
by **Chen Xueyin**

Chinese Nuclear Weapons and Arms Control
by **Thomas B. Cochran and Robert S. Norris**

On-Site Inspection for Verification of Compliance with Treaties
by **David W. Dorn**

The Limited Test Ban Treaty
by **W. Doyle Evans**

Space Nonweaponization - An Urgent Task for Arms Control
by **Du Xiangwan**

The Future of Nuclear Weapons
by **Richard L. Garwin**

Is A Comprehensive Test Ban Achievable?
by **Joseph Goldblat**

The Non-Proliferation Treaty: Status of Implementation and the Threatening Developments
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A Feasible Way Towards a CTB
by **Hu Side**

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