

The 11th PIIC Beijing Seminar on International Security: Building a Harmonious World of Stability and Win-Win

Qingdao, Shangdong Province, China
26-30 October 2008

Organized By Program for Science and National Security Studies (PSNSS)

Co-Sponsored By Institute of Applied Physics and Computational Mathematics (IAPCM), China
International School on Disarmament and Research on Conflicts (ISODARCO), Italy
Chinese Institutes of Contemporary International Relations (CICIR), China
Chinese People's Association for Peace and Disarmament (CPAPD), China
Qingdao University, China

Schedule

Sunday, 26 October

08:00 - Registration
18:00 - 20:00 Buffet

Monday, 27 October

09:00 - 09:45 **Opening Session** Chairman: Li Hua

Co-Chairman: Hu Side, Academician, CAEP
Co-Chairman: Carlo Schaerf, President, ISODARCO
Co-Chairman: Wang Zaibang, President, CICIR
Co-Chairman: Wang Liming, Vice President, Qingdao University
Wang Xiulin, Deputy Mayor, Qingdao Municipality

09:45-10:30 **Invited Speech: Hu Xiaodi, Ambassador, Ministry of Foreign Affairs, China**
**Nuclear Arms Control, Disarmament and Non-Proliferation---
A Brief Survey of China's Position and Proposition**

10:30 – 11:00 Group Photo/Tea Break

11:00 - 12:30 **Panel Session 1: Nuclear-Weapon-Free World: Feasibility and Measures**
Chairman: Schaerf, Carlo

**Rajaraman, Ramamurti: The New Promise of a Nuclear Weapon Free World—
How to Make It Work**
Li Genxin: The Practical Way toward Nuclear-Free World
Pilat, Joseph: The Prospects for a Nuclear-Free World

12:30 - 14:00 Lunch Break

14:00 - 16:00 **Panel Session 2: Nuclear-Weapon-Free World: Feasibility and Measures (Cont.)**
Chairman: Garwin, Richard

Ye Ruan: Rethinking of Disarmament

Maliakal, Rappai: Total Elimination of Nukes – A Desirable Goal?

Shen Dingli: Global Elimination of Nuclear Weapons

Dovhin, Myagmar: Mongolia's Contribution Nuclear-Weapon-Free Policy World

Han Hua: Nuclearfree World: Is It More Feasible Now Than Ever?

16:00 - 16:20 Tea Break

16:20 - 18:30 **Panel Session 3: Nuclear Disarmament: How Far and How Fast We Can Go In the Coming Years?**

Chairman: Cochran, Thomas

Pregenzer, Arian: Advancing the Goals of NPT Article VI through International Technical Cooperation

Liu Suping: Potential Application of Template Identification Technology In Nuclear Disarmament

Kang Jungmin: A Cooperative Threat Reduction (CTR) Program in the DPRK: Focusing on Nuclear Issues

Lewis, Jeffrey: US Nuclear Posture in the Next Administration

Reistad, Ole Christen: NWS-NNWS Cooperation on Nuclear Disarmament - Important or Impossible?

Schoenbauer, Marty: Introduction and Overview of the US DOE Office in China and Our Role in Furthering Cooperation between U.S. and China.

18:45 - 20:30 Reception

Tuesday, 28 October

08:30 - 10:30 **Panel Session 4: Nuclear Non-proliferation: Energy and Security Implications**
Chairman: Gilinsky, Victor

Zhu Xvhui: The Relation between Development of Nuclear Power and Non-proliferation

Elena, Mirco: Energy Security at the National and Individual Level

Gilinsky, Victor: Can We Promote Nuclear Power Around the World Without Spreading Nuclear Weapons?

Forden, Geoffrey: Using Multinational Enrichment Facilities to Prevent Nuclear Proliferation

Zhou Yun: China's Nuclear Energy Expansion and Its Security Implic

Malin, Martin: Military Intervention to Prevent Proliferation: When is it Effective? When is it Legitimate?

10:30 - 10:50 Tea Break

10:50 - 12:30 **Panel Session 5: Nuclear Non-proliferation: Regional Solutions and Dilemmas.**
Chairman: Rajaraman, Ramamurti

Yuan Jing-dong: The Politics of Nuclear Nonproliferation: Six-Party Talks and the North Korean Nuclear Program

Lee Chon Geun: Nuclear Technology Development in DPRK and its Implication to Denuclearization of the Korean Peninsula

Zhang Hui: Dismantling and Decommissioning the North Korean Nuclear Facilities

Yeaw, Christopher: Nuclear Use Policies of the Asia-Pacific Region and Their Impact on Stability

Masood, Talat: Regional Security Challenges

12:30 - 14:00 Lunch Break

14:00 - 15:40 **Panel Session 6: Nuclear Non-proliferation: Progresses and Lessons**

Chairman: Li Genxin

Zimmerman, Peter: The Culture of Curiosity: Why Iraq Didn't Build Nuclear Weapons and Why Iran Probably Will?

Fan Jishe: China's Nonproliferation Export Control System: Evolution and Revolution

Yoshida Yasuhiko: Toward Creation of a Nuclear Weapons Free Zone

In Northeast Asia

Calogero, Francesco: Nuclear Proliferation and Terrorism

Gu Ziping: Twelve Years of the CTBT and Its Perspective

15:40 - 16:00 Tea Break

16:00 - 18:45 **Panel Session 7: Nuclear Material Protection and FMCT**

Chairman: von Hippel, Frank

Liu Gongliang: Verification Issues on FMCT

von Hippel, Frank: Spent Fuel Management in the United States:

The Irrationality of Reprocessing;

Introduction to the IPFM Work on the FMCT

Yang Tianli: The Application of Mass Spectrometry Analysis for

Uranium and Plutonium Isotopes

Diyakov, Anatoly: Nuclear Renaissance and Preventing the

Spread of Uranium Enrichment and Reprocessing

Cochran, Thomas: A Global Ban on Civil Use of Highly Enriched Uranium

Nayyar, Abdul: Limits to Expansion in Pakistan's Fissile Material Production

Katsuta Tadahiro: Japan's Spent Fuel and Plutonium Management Challenges

18:45 - 20:30 Buffet

Wednesday, 29 October

07:30 - 8:30 Breakfast in the hotel

Organized Activities

19:00 - 20:30 Buffet

Thursday, 30 October

08:30 - 10:30 **Panel Session 8: Space Non-proliferation: Confrontation or Cooperation and How to Avoid Another Obsolete Arms Race**

Chairman: Calogero, Francesco

Garwin, Richard: BMD and Outer Space Weaponization

Yao Yunzhu: The Impact of Missile Defense Systems to China-American Strategic Stability
Ikegami, Masako: Impacts of the Deployment of Missile Defense System in the Asia-Pacific Security, Nuclear Deterrence, and Nuclear Non-Proliferation
Li Bin: Feasibility of Evading Exoatmospheric Missile Defense by Warhead Maneuver

10:30 - 10:50 Tea Break

10:50 - 12:30 **Panel Session 9: Space Non-proliferation: Confrontation or Cooperation and How to Avoid Another Obsolete Arms Race (Cont.)**

Chairman: Wang Zaibang

Xia Liping: Missile Defense System and Outer Space Arms Control
Harigel, Gert: Present Status of Discussion on PAROS in the CD
Su Hao: “Eye of the Storm” in International Conflicts and China’s Security Policy Orientation

12:30 - 14:00 Lunch Break

14:00 - 16:00 **Panel Session 10: Harmonious World - Peace, Cooperation, and Stability**

Chairman: Diyakov, Anatoly

Yang Yi: Implications of RMA for World Security and Stability”
Pope, Noah: Joint US-China Programs on Nuclear Nonproliferation
You Ji: Creating a Bounded Framework to Accommodate Sino-Japanese Rifts
Wright, Steve: Prioritizing Human Security - Post Disaster/Post Conflict Reconstruction

16:00 - 16:20 Tea Break

16:20 - 18:30 **Panel Session 11/ Closing Session: Harmonious World - Peace, Cooperation, and Stability (Cont.)**

Chairman: Li Hua

Rusek, Benjamin: U.S. Chinese Glossary of Nuclear Security Terms
Wu Jun: China English Glossary of Nuclear Security Terms
Pan Zhenqiang: China and the Nuclear-Free World

18:45 - 20:30 Banquet

Friday, 31 October

07:30 - 8:30 Breakfast in the hotel
Departure from the Seminar and Farewell to All

Important Note: Each speaker in panel sessions will generally have 10-15 minutes for presentation, subject to overall coordination between presentations and discussions by the Chairman of each panel session.