



As of September 12, 2019

Maintaining Global Strategic Stability and Promoting International Nuclear Cooperation

16th PIIC Beijing Seminar on International Security
Organized by China Arms Control and Disarmament Association (CACDA)
Program for Science and National Security Studies (PSNSS)
Nuclear Threat Initiative (NTI)
October 15 - 18, 2019
Shenzhen China

DRAFT AGENDA

TUESDAY - OCTOBER 15, 2019		
TIME	ACTIVITY	LOCATION
All day	Registration	Lobby, Shenzhen Castle Hotel (隐秀山居)

WEDNESDAY - OCTOBER 16, 2019		
TIME	ACTIVITY	LOCATION
08:30-09:00	<u>Opening Session</u> Chair: Wu Jun, Program for Science and National Security Studies, PSNSS Speakers: Li Chijiang, China Arms Control and Disarmament Association, CACDA Li Hua, Program for Science and National Security Studies, PSNSS Deborah Rosenblum, Nuclear Threat Initiative, NTI	Conference Room
09:00-09:30	Keynote Speech Speakers: Fu Cong Director General, Arms Control Department, Ministry	Conference Room

	<p>of Foreign Affairs, China</p> <p>Representative of International Organizations (TBD)</p>	
09:30-10:00	Group Photo and Tea Break	
10:00-12:00	<p><u>Session 1: Maintaining Global Strategic Stability and Promoting Mutual Trust</u></p> <p><i>At present, the international security and global strategic stability are at critical crossroads. The rising uncertainties and instabilities, the erosion of global arms control and non-proliferation regime, the heat-up of regional issues and emerge of new security challenges, all of them are creating great impact on international strategic stability. How should the international community adhere to multilateralism and properly address global security challenges? How to enhance mutual trust among all countries, especially big powers, to jointly promote international peace and security, and maintain global strategic stability?</i></p> <p>Chair: Qian Lihua, China Arms Control and Disarmament Association, CACDA</p> <p>Speakers: Ji Zhiye, China Institute for Contemporary International Relations, CICIR</p> <p>Li Bin, Tsinghua University</p> <p>Gregory Kulacki, Global Security Program, Union of Concerned Scientists</p> <p>Xiang Ganghua, Rocket Force Command College</p>	Conference Room
12:00-14:00	Working Lunch	

14:00-16:00	<p><u>Session 2: Nuclear Disarmament in the Post INF Treaty Era</u></p> <p><i>Will the abolition of the INF Treaty become a watershed, marking the end of the nuclear arms control model based on US-Russian bilateral nuclear disarmament? In the current situation, what is the prospect of the extension of the New START after 2021? Will the nuclear arms race begin once again? What is the outlook of future nuclear arms control?</i></p> <p>Chair: Carlo Schearf, International School on Disarmament and Research on Conflicts, ISODARCO</p> <p>Speakers: Zou Zhibo, China Academy of Social Sciences</p> <p>Zia Mian, Program on Science and Global Security, Princeton University</p> <p>Xia Liping, Tongji University</p> <p>Alessandro Pascolini, International School on Disarmament and Research on Conflicts, ISODARCO</p> <p>Zhao Tong, Carnegie-Tsinghua Center for Global Policy</p> <p>Jason Reinhardt, Sandia National Laboratories</p>	Conference Room
16:00-16:15	Tea break	
16:15-18:15	<p><u>Session 3: The Impact of Cyber Security and AI on the Nuclear Field</u></p> <p><i>The development of emerging technologies, represented by cyber and artificial intelligence, is constantly impacting the traditional international security system and has created many new challenges in the nuclear field. For example, how to assess the impact of cyber attacks on nuclear power plants and nuclear command and control systems? Does artificial intelligence technology increase the risk of misjudgment while enhancing nuclear situational awareness? How to treat the application and risk of artificial intelligence in nuclear weapon systems?</i></p> <p>Chair: Hao Yeli, China Arms Control and</p>	Conference Room

	<p>Disarmament Association, CACDA</p> <p>Speakers: Page Stoutland, Nuclear Threat Initiative</p> <p>Xu Weidi, National Defense University</p> <p>Lora Lannan Saalman, Stockholm International Peace Research Institute ,SIPRI</p> <p>Xu Longdi, China Institute of International Studies</p> <p>Jorshan Choi, UC Berkeley Nuclear Research Center</p> <p>Tang Lan, China Institute for Contemporary International Relations, CICIR</p>	
18:15-20:00	Reception	

THURSDAY - OCTOBER 17, 2019		
TIME	ACTIVITY	LOCATION
08:30-10:15	<p><u>Plenary Session 4: Denuclearization of the Korean Peninsula</u></p> <p><i>Currently, the new positive momentum on the Korean Peninsula is conducive to the peaceful resolution of the denuclearization of the Korean Peninsula through diplomatic efforts. At the same time, China's dual-track approach of parallel progress in the denuclearization of the Korean Peninsula while establishing a peace mechanism has become more widely recognized. How to implement the dual-track approach, formulate a practical and feasible road map, and achieve the goal through "phased and synchronous" measures is critical.</i></p> <p>Chair: Lynn Rusten, Nuclear Threat Initiative</p> <p>Speakers: Siegfried Hecker, Stanford University</p> <p>Zhu Jianyu, Center for Strategic Studies, China Academy of Engineering Physics</p> <p>Anton Khlopkov, Center for Energy and Security Studies, CENESS</p> <p>Fan Jishe, China Academy of Social Sciences</p>	Conference Room

	<p>Mark Suh, Pugwash Conferences on Science and World Affairs</p> <p>Han Hua, Peking University</p> <p>Elliot Serbin, Stanford University</p>	
10:15-10:30	Tea Break	
10:30-12:15	<p><u>Session 5: NPT 2020 Review Conference</u></p> <p><i>After failing to reach a final document in 2015, the 2020 NPT Review Conference may face unprecedented pressures and challenges: the US-Russian bilateral nuclear arms control process is stagnant or even retrogressive, the prospects for multilateral nuclear disarmament are bleak, and the JCPOA is difficult to preserve. How to maintain NPT's cornerstone role of the global nuclear non-proliferation regime? How to exert the roles of P5 to promote the success of the conference?</i></p> <p>Chair: Sun Xiangli, Center for Strategic Studies, China Academy of Engineering Physics</p> <p>Speakers: David Santoro, Pacific Forum</p> <p>Guo Xiaobing, China Institute for Contemporary International Relations, CICIR</p> <p>Tom Sauer, University of Antwerp</p> <p>Tian Jingmei, Center for Strategic Studies, China Academy of Engineering Physics</p>	Conference Room
12:15-14:00	Lunch	
14:00-16:00	<p><u>Plenary Session 6: Nuclear Security, Safety and Spent Fuel Management</u></p> <p><i>Three years after the end of the Nuclear Security Summit, the implementation and promotion of follow-up results appear to be insufficient. The management of spent fuel and high-level radioactive waste from nuclear power plants involves both nuclear security and safety issues. What is the current state of global nuclear security? How to implement effective nuclear fuel cycle management programs to ensure nuclear security and safety?</i></p>	Conference Room

	<p>Chair: Pan Qilong, China Institute of Nuclear Information and Economics, CINIE</p> <p>Speakers: Frank Von Hippel, Princeton University</p> <p>Gu Zhongmao, China Institute of Atomic Energy</p> <p>Corey Hinderstein, Nuclear Threat Initiative</p> <p>Xu Zhenhua, State Nuclear Security Technology Center</p> <p>Larry Brandt, Center for International Security and Cooperation, Stanford University</p>	
<p>16:00-16:15</p>	<p>Tea Break</p>	
<p>16:15-18:00</p>	<p><u>Plenary Session 7: Verification Technology and Nuclear Forensic</u></p> <p><i>Verification technology is an important part of the arms control treaty. Effective verification measures can greatly enhance the credibility of the treaty and help the parties to maintain confidence in the implementation of the treaty. Nuclear forensics technology plays an important role in countering nuclear terrorism and preventing nuclear proliferation. What are the new developments in the current international nuclear arms control verification and nuclear forensics technology? What is the role of these technologies in the future nuclear arms control process?</i></p> <p>Chair: Larry Macfaul, Verification Research, Training and Information Centre,VERTIC</p> <p>Speakers: David Kenneth Smith, International Atomic Energy Agency</p> <p>Zhao Yonggang, State Nuclear Security Technology Center</p> <p>Julien Troullioud Lanversin ,Princeton University</p> <p>Li Peng, China Arms Control and Disarmament Association, CACDA</p> <p>KANG Jungmin, Independent Consultant</p> <p>CTBTO</p>	

18:00-18:30	<p><u>Closing Session</u></p> <p>Chair: Wu Jun, Program for Science and National Security Studies, PSNSS</p> <p>Speakers: Carlo Schearf, Carlo Schearf, International School on Disarmament and Research on Conflicts, ISODARCO</p> <p>Li Chijiang, China Arms Control and Disarmament Association, CACDA</p> <p>Deborah Rosenblum, Nuclear Threat Initiative, NTI</p> <p>Li Hua, Program for Science and National Security Studies, PSNSS</p>	
18:30-20:00	Buffet	

FRIDAY - OCTOBER 18, 2019		
TIME	ACTIVITY	LOCATION
09:00-12:00	Group visit (TBC)	
Afternoon	Departure	