

2023 KINAC-NEREC Conference on Nuclear Nonproliferation

"Promoting Nuclear Nonproliferation for the Peaceful Use of Nuclear Energy"



◇ **Dates** August 1(Tuesday) - August 2(Wednesday), 2023



◇ **Venue** Grand Ballroom (2F), Ambassador Seoul Pullman Hotel, Seoul, Republic of Korea

◇ **Online Broadcasting**
<https://youtube.com/@kaistnerec3688>
 •Day 1 <https://youtu.be/Z5Hs98-VQG8>
 •Day 2 <https://youtu.be/KGRXygydi0w>

◇ **Registration** <https://forms.gle/SAGzpiNJhderKJek9>

◇ **Host** KAIST Nuclear Nonproliferation Education and Research Center (NEREC)
Korea Institute of Nuclear Nonproliferation and Control (KINAC)

◇ **Sponsor**



Message from KAIST/NEREC and KINAC

The ongoing Russo-Ukraine war and the ensuing security situation in Europe bring the nuclear proliferation rhetoric back into national and global dialogues. The war has also pushed many countries to reconsider their national energy policy with renewed interest in nuclear energy. Along with on-going small and modular nuclear reactor (SMR) development, the potential for significant growth in global nuclear energy use is rising. Many of the prospective nuclear new countries are suspected to have low national governance capabilities, implying potential for compromise in nuclear safety, security, and safeguards practices.

The current global situation with continuing geopolitical conflicts and economic slowdown/recession reminds us that we are living through challenging times. As a person, as a member of the global community, we are surrounded by challenges. But challenges are there for us to overcome.

This year's International Conference on Nuclear Nonproliferation will be held as a joint effort between Korea Institute of Nuclear Nonproliferation and Control (KINAC) and Nuclear Nonproliferation Education and Research Center (NEREC) of KAIST. Through the participation of some of the best minds in respective fields, the 2023 KINAC-NEREC Conference aims to identify global nuclear policy challenges of our day and find ways to cope with them. The specific questions addressed at the conference include: 1) What are the rising global nuclear nonproliferation issues and what should we do about them?; 2) Where is the nonproliferation regime headed in relation to North Korean nuclear challenge?; 3) How should we manage the development of SMRs to support sustainable and responsible global nuclear power use?; 4) What are the needs of human capacity development to effectively address future nuclear nonproliferation challenges?

We are very grateful for the sponsorship for the conference by the Ministry of Foreign Affairs (MOFA) of the Republic of Korea (ROK), the Stanton Foundation of the USA, Korea Hydro and Nuclear Power Company (KHNP), the Asia-Pacific Leadership Network (APLN). We look forward to having your presence, either online or offline, at the 2023 KINAC-NEREC Conference on Nuclear Nonproliferation. With your support, we build better future for the global community.

Thank you.

Man-Sung Yim, KAIST NEREC
Na Young Lee, KINAC

◇ Program

Day 1: August 1(Tuesday)		
Opening Session		
09:30~10:30	Moderator	Prof. Man-Sung Yim (Donald E. Bentley and Agnes Muszynska Endowed Chair Professor of Nuclear and Quantum Engineering; Director, NEREC, KAIST, ROK)
09:30~09:45	Welcoming Remarks	Director-General for Nonproliferation and Nuclear Affairs (The Ministry of Foreign Affairs, ROK) (TBC)
09:45~10:20	Congratulatory Remarks	Mr. Ban Ki-moon (Chairman, Ban Ki-moon Foundation For a Better Future; The 8th Secretary-General of the United Nations, ROK) (TBC)
10:20~10:30	Break (Group photo of speakers and guests, offline and online)	
Session I Global Nuclear Nonproliferation: What We See and What We Could Do		
10:30~13:00	Chair	Prof. Yong-Sup Han (Association for International Security and Cooperation, ROK)
10:30~11:00	Session Keynote	Prof. Steven Miller (Director, International Security Program, Belfer Center for Science and International Affairs, Harvard Kennedy School, USA)
11:00~12:20	Speakers	- Ms. Shatta Shetty (Asia-Pacific Leadership Network) (Online) - Dr. John Park (Belfer Center for Science and International Affairs, Harvard Kennedy School, USA) - Prof. Justin Hastings (University of Sydney, Australia) (Online) - Prof. Dong-Ik Shin (Yonsei University; Former Korean Ambassador to Austria, ROK)
12:20~13:00	Discussion	
13:00~14:00	Luncheon	
Session II Where Is the Global Nuclear Nonproliferation Regime Headed? A Review of the North Korean Nuclear Crisis (KINAC-KNMM Joint Session)		
14:00~16:15	Chair	Mr. Min-Soo Kim (Director, Korea Institute of Nuclear Nonproliferation and Control, ROK)
14:00~14:30	Session Keynote	Prof. Victor Cha (Senior Vice President and Korea Chair, CSIS; Vice Dean and D.S. Song KF Professor of Government, Georgetown University, USA) (Online)
14:30~16:00	Speaker	- Mr. Robert E. Kelley (SIPRI, Sweden) - Ms. Jenny Town (Stimson Center, USA) - Prof. Bong Geun Jun (Institute of Foreign Affairs and National Security, Korea National Diplomatic Academy, ROK)
16:00~16:15	Discussion	

Day2: August 2(Wednesday)		
Session III Response to Climate Change and Energy Security: Opportunities and Challenges for SMRs		
09:30~12:00	Chair	Prof. Bum-Jin Chung (Department of Nuclear Engineering, Kyung Hee University, ROK)
09:30~10:00	Session Keynote	Ambassador Bonnie Denise Jenkins (Under Secretary of State for Arms control and International security, USA) (Online)
10:00~11:20	Speakers	- Mr. Shahan Poghosyan (International Atomic Energy Agency, Vienna) (Online) - Dr. Seong-Yeun Jo (Korea Institute of Nuclear Nonproliferation and Control, ROK) - Ms. Elaine Kanasevich (Non-proliferation and Export Controls, Canadian Nuclear Safety Commission, Canada) (Online) - Dr. Djarot S. Wisnuborot (BRIN, National Research and Innovation Agency, Indonesia) (Online)
11:20~12:00	Discussion	
12:00~13:30	Luncheon	
Session IV Empowering the Next Generation for Global Nuclear Nonproliferation		
13:30~15:30	Chair	Dr. Sang-Hyeon Lee (President, Sejong Institute, ROK)
13:30~14:00	Session Keynote	Dr. Francesca Giovannini (Belfer Center for Science and International Affairs, Harvard Kennedy School, USA)
14:00~15:20	Speakers	- Dr. Chung Min Lee (Asia Program, Carnegie Endowment for International Peace, ROK) - Mr. Jean du Preez (James Martin Center for Nonproliferation Studies, Middlebury Institute of International Studies at Monterey) (Online) - Prof. Dingli Shen (Fudan University, China) - Prof. Man-Sung Yim (Nuclear Nonproliferation Education and Research Center, KAIST, ROK)
15:20~16:00	Discussion	
Closing Session		
16:00~16:15	Closing Remarks	Dr. Won-Pil Baek (President, Korean Nuclear Society, ROK)

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