Program of Viet Nam/Japan Research/HRD Forum on Nuclear Technology-XIV

Role of Nuclear Power in Climate Change and Economics of Nuclear Power

- *Time: December 3-4, 2024*
- *Place: 3rd Floor Meeting Hall, Nuclear Training Center – 140 Nguyen Tuan St., Thanh Xuan Dist., Hanoi*

Time	Contents	Name	MC/Responsible
December 3 (Tuesday), 2024: 1st Day			
8:00－ 8:30	Registration		
	Opening Ceremony		
8:30－ 8:40	Opening Remark	Mr. Teppei FUKUHARA (Embassy of Japan)	V: Tran Chi Thanh J: Takeshi Makigami
8:40－ 8:50	Opening Remark	Dr. Tran Chi Thanh (VINATOM)	
8:50－ 9:00	Opening Remark	Dr. Masaki SAITO (Tokyo Tech (Presently, Science Tokyo))	
9:00－ 9:05	Opening Remark	Mr. Toshiharu Sasaki (JINED)	
9:05－ 9:10	Opening Remark	Mr. Takashi Hara (JICC)	
9:10－ 9:20	Photograph	－	
	Session 1 (Hot topics)		

Time	Contents	Name	MC/Responsible
	Presentation 25 minutes, Q&A 5 minutes		
9:20－ 9:50	(S1-1-V) VIETNAM Electricity Sources & Development Plan	Mr. Dao Nhat Dinh (VEA)	V: Nguyen An Trung J: Tatsuya Suzuki
9:50－10:20	(S1-2-J) Contribution of Reprocessed Uranium Recycling for Sustainable Development Goals (SDGs) - Effects of Reprocessed Uranium on Economy and Environment -	Dr. Masaki SAITO (Tokyo Tech (Presently, Science Tokyo))	
10:20－10:50	(S1-3-V) Current status of power development and perspective of Vietnam Nuclear Power Program (VNPP)	Dr. Tran Chi Thanh (VINATOM)	
10:50－11:10	Tea Break Hosted by Vietnam		
11:10－11:40	(S1-4-J) Current Status of Nuclear Energy Policy in Japan including Economic Features	Mr. Takeshi Makigami (JINED)	V: Nguyen An Trung J: Keisuke Yamaguchi
11:40－12:10	(S1-5-J) Current Status of Nuclear Power in Japan	Mr. Yuji Takahashi (JINED)	
12:10－12:40	(S1-6-J) Development of Actinide Analysis Method for Substances with Irradiated Uranium by Mass Spectrometry	Dr. Tatsuya Suzuki (Nagaoka University of Technology)	
12:40－14:00	Lunch Break Hosted by Japan (at 1st Floor, Nuclear Training Center)		
	Session 2 (Role of Nuclear Power in Climate Change and Economics of Nuclear Power) Presentation 25 minutes, Q&A 5 minutes		
14:00 – 14:30	(S2-1-V) The Potential Role Of Nuclear Energy In Viet Nam's Pathway To Net-Zero Emissions	Ms. Nguyen Do Yen Nhi (PECC2)	V: Dr. Nguyen Van Thai

Time	Contents	Name	MC/Responsible
14:30 – 15:00	(S2-2-J) Role of Nuclear Energy in Climate Change Mitigation	Dr. Kenji Kimura (IEEJ)	J: Shunsuke HIRAI
15:00－15:20	Tea Break Hosted by Vietnam		
15:20－15:50	(S2-3-V) Effective energy transition for Vietnam: A combination of Nuclear and Renewable Energy	Dr. Nguyen Van Thai (HUST)	V: Dr. Nguyen Van Thai J: Kenji Kimura
15:50－16:20	(S2-4-J) Power Generation Cost Assessment Results for the Formulation of Japan's Energy Policy	Mr. Keisuke Yamaguchi (JINED)	
	Reception Co-Sponsored by VINATOM and Japan		
December 4 (Wednesday), 2024: 2nd Day			
	Session 3 (Activities in the domestic nuclear power industry) Presentation 25 minutes, Q&A 5 minutes		
8:30－ 9:00	(S3-1-J) Toshiba Nuclear Power's Overseas Activities And The Innovative Light Water Reactor iBR	Mr. Yoshio Kawano (Toshiba)	V: Dr. Vo Thi Huong J: Do Van Lam
9:00－ 9:30	(S3-2-V) Studying And Proposing A Roadmap For Sustainable SMR Deployment In Vietnam Using The ROADMAPS-ET Tool	Dr. Pham Nhu Viet Ha (INST)	
9:30－10:00	(S3-3-J) Development Status of Advanced Light Water Reactor "SRZ-1200"	Mr. Shunsuke HIRAI (MHI)	
10:00－10:20	Tea Break Hosted by Vietnam		
10:20－10:50	(S3-4-V) INST/VINATOM Activities on SMR Conceptual Design	Dr. Nguyen Thi Thanh Thuy (INST)	V: Dr. Pham Nhu Viet Ha

10:50－11:20	(S3-5-J) Comparing the Economic Essences of Large-Scale Reactors and Small Modular Reactors: BWR case study	Dr. Do Van Lam (Hitachi)	J: Yoshio Kawano
11:20－11:50	(S3-6-V) Current Research Activities on Nuclear Energy Sustainability Assessment in VINATOM	Dr. Vo Thi Huong (INST)	
	Closing session		
11:50－ 11:55	Closing remark	Dr. Tran Chi Thanh (VINATOM)	V: Tran Chi Thanh J: Takeshi Makigami
11:55－ 12:00	Closing remark	Dr. Tatsuya Suzuki (Nagaoka University of Technology)	
12:00－ 13:30	Lunch Break Hosted by Japan (at 1st Floor, Nuclear Training Center)		