

PROGRAM

VIETNAM CONFERENCE ON NUCLEAR SCIENCE AND TECHNOLOGY

VINANST-15

Time: 9th – 11th August 2023

Venue: Sheraton Nha Trang Hotel,
26 - 28 Tran Phu street, Nha Trang city, Khanh Hoa, Viet Nam

Organizers: Vietnam Atomic Energy Institute (**VinAtom**);
Department of Science and Technology of Khanh Hoa Province.

Time	Content	Person in charge
August 8th, 2023: Participant registration at Sheraton Nha Trang Hotel (15:00-17:30)		
August 9th, 2023: Conference Opening Ceremony and Plenary Session		
7:15-8:00	Participant registration	Organizers
8:00-8:30	Conference Opening Ceremony	
8:00-8:05	Introduction of participants and Conference Agenda	Dr. Pham Quang Minh Vice-President of VinAtom
8:05-8:10	Opening address by the representative of the Ministry of Science and Technology of Vietnam (MOST)	Prof. Dr. Huynh Thanh Dat Minister of MOST
8:10-8:15	Welcome speech by the representative of the Khanh Hoa Provincial People's Committee	Mr. Le Huu Hoang Permanent Vice-chairman
8:15-8:20	Welcome speech by the representative of the International Nuclear Energy Development of Japan Co., Ltd (JINED)	Mr. Shirakawa Tomoaki COO of JINED, Japan
8:20-8:25	Nuclear Science and Technology as an Innovation Strategy Tool in the Asia-Pacific Region	Mr. Pill Hwan Park Director of RCA Regional Office (RCARO)
8:25-8:30	Welcome speech by the representative of the Joint Institute for Nuclear Research (JINR)	Dr. Grigory V. Trubnikov President of JINR (<i>Video</i>)
8:30-18:00	Plenary Session and IAEA Workshop (Presentations by Invited Speakers) Chairpersons: Dr. Tran Chi Thanh, Assoc. Prof. Dr. Nguyen Nhi Dien, Dr. Jane Gerardo-Abaya	
8:30-8:35	Introduction of Chairman for Plenary Session	Organizers
8:35-8:55	Past, Present and Future of R&D at KAERI	Dr. In Cheol Lim Executive Vice-President of KAERI, Korea

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8:55-9:20	Current status of VinAtom's R&D and the new research reactor project in Viet Nam	Dr. Tran Chi Thanh President of VinAtom
9:20-9:45	Nuclear Science and Technology with RIBF	Prof. Dr. Hiroyoshi Sakurai RIKEN Nishina Center, Japan
9:45-10:10	ALICE Experiment at the Large Hadron Collider and Quark-Gluon Plasma	Dr. Raghunath Sahoo Chairperson, ALICE/STAR-India Collaboration Board, IITI, India (<i>Online</i>)
10:10-10:35	Global status of SMR development and IAEA activities on SMR	Dr. Dohee Hahn SMR Platform Coordinator, IAEA
10:35-10:50	Conference Photo and Coffee break	
10:50-11:10	Nuclear power programme in the Czech Republic: Current status and future plans	Prof. Dr. Jozef Misak UJV Rez, Czech
11:10-11:30	Recent developments in numerical modeling of melt-water interactions in application to steam explosions	Dr. Sergey E. Yakush IPMech RAS, Russia (<i>Video</i>)
11:30-11:50	Core, fuel management and enhancement radioisotope production on the Dalat Nuclear Research Reactor	Dr. Nguyen Kien Cuong NRI, Viet Nam
11:50-12:10	Necessity and opportunity in management of nuclear physics data	Prof. Dr. Péter Lévai Wigner RCP, Hungary
12:10-12:30	ASIA - OCEANIA Forum for synchrotron radiation research: Current status, activities, and recent developments	Dr. Prapong Klysubun SLRI, Thailand
12:30-13:30	Lunch break	
13:30-15:45	Plenary Session Chairpersons: Assoc. Prof. Dr. Le Ba Thuan, Dr. In Cheol Lim	
13:30-13:55	Recovery of rare earths from primary and secondary resources: KIGAM developed technologies	Prof. Dr. Jin-Young Lee KIGAM, Korea
13:55-14:20	Status of Ki-Jang Research Reactor Development	Mr. Jeong Kong Lee KAERI, Korea
14:20-14:45	Radiopharmaceuticals for clinical application: Present and future forecast	Prof. Dr. Mai Trong Khoa Bach Mai Hospital, Viet Nam

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14:45-15:45	<p>JINR-VinAtom Round table on “Research results of JINR and Prospects for cooperation between JINR-VinAtom”</p> <p>Chairpersons: Dr. Tran Chi Thanh, Dr. Sergey N. Nedelko, Assoc. Prof. Dr. Nguyen Nhi Dien</p> <p>Speakers:</p> <ul style="list-style-type: none"> - Dr. Sergey N. Nedelko (Chief Scientific Secretary of JINR): “<i>Joint Institute for Nuclear Research: The Status and Prospects of Multidisciplinary Complex of Large Research Infrastructures</i>” - Dr. Valery N. Shvetsov (Frank Laboratory of Neutron Physics, JINR): “<i>Neutron Physics at Pulsed Sources at JINR</i>” - Dr. Grzegorz Kamiński (Flerov Laboratory of Nuclear Reactions, JINR): “<i>Research with radioactive beams at FLNR</i>” 	
15:45-16:00	<i>Coffee break</i>	
16:00-18:00	<p>IAEA Workshop on “The Social and Economic Impacts of the RCA Programme and Innovation Initiatives in Asia and the Pacific Region”</p> <p>Chairpersons: Dr. Tran Ngoc Toan, Dr. Jane Gerardo-Abaya</p>	
16:00-16:30	IAEA strategic initiatives under the context of economic and social benefits of the IAEA technical cooperation programme	Dr. Jane Gerardo Abaya Director of TCAP, IAEA
16:30-17:00	Social and Economic Impact Assessment of RCA Projects in Mutation Breeding	Prof. Dr. Le Huy Ham AGI, Viet Nam
17:00-17:30	Social and Economic Impact Assessment of RCA Projects in Radiotherapy	Prof. Dr. Soehartati Gondhowiardjo RSCM, Indonesia
17:30-18:00	Social and Economic Impact Assessment of RCA Projects in NDT	Dr. Ilham Mukriz Zainal Abidin Malaysian Nuclear Agency (Nuklear Malaysia)
19:00-21:00, August 09th, 2023: Welcome Party at Champa Island Nha Trang		
August 10th, 2023: Technical Sessions and Poster Sessions		
8:00-17:45	<p>Technical sessions:</p> <p>Session A: Nuclear Power Development and Human Resources Training (Nuclear Power Technology and Design, Reactor Physics, Nuclear Safety, Nuclear Human Resources Development).</p> <p>Session B: Nuclear Physics, Nuclear Data, Accelerators, and Nuclear Analysis.</p> <p>Session C: Radiation Measurement, Radiation Safety, and Environmental Monitoring.</p>	

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	<p>Session D1: Applications of Radiation Technology and Nuclear Techniques in Healthcare.</p> <p>Session D2: Applications of Radiation Technology and Nuclear Techniques in Industries and others.</p> <p>Session D3-D4: Applications of Radiation Technology and Nuclear Techniques in Agriculture.</p> <p>Session E: Radiochemistry and Nuclear Chemistry, Nuclear Fuel Cycle, Nuclear Material Science and Technology, Radioactive Waste Management.</p>	
8:00-10:05	Technical sessions	Presenters
10:05-10:20	<i>Coffee break</i>	
10:20-12:25	Technical sessions	Presenters
12:25-13:30	<i>Lunch break</i>	
13:30-14:45	Technical sessions	Presenters
14:45-16:30	Coffee break followed by Poster Sessions	
16:30-17:45	Technical sessions	Presenters
August 11th, 2023: Technical Sessions, Plenary Session: Summary Report and Closing		
8:00-12:25	<p>Technical sessions:</p> <p>Session A: Nuclear Power Development and Human Resources Training (Nuclear Power Technology and Design, Reactor Physics, Nuclear Safety, Nuclear Human Resources Development).</p> <p>Session B: Nuclear Physics, Nuclear Data, Accelerators, and Nuclear Analysis.</p> <p>Session C: Radiation Measurement, Radiation Safety, and Environmental Monitoring.</p> <p>Session D1: Applications of Radiation Technology and Nuclear Techniques in Healthcare.</p> <p>Session D2: Applications of Radiation Technology and Nuclear Techniques in Industries and others.</p> <p>Session D3-D4: Applications of Radiation Technology and Nuclear Techniques in Agriculture.</p> <p>Session E: Radiochemistry and Nuclear Chemistry, Nuclear Fuel Cycle, Nuclear Material Science and Technology, Radioactive Waste Management.</p>	
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10:05-10:20	<i>Coffee break</i>	
10:20-12:25	Technical sessions	Presenters
12:25-14:00	<i>Lunch break</i>	
14:00-16:00	Plenary session: Summary Reports and Closing	
14:00-14:05	Introduction of Chairman	Dr. Pham Quang Minh Vice-President of VinAtom

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	Chairpersons: Dr. Tran Chi Thanh, Assoc. Prof. Dr. Nguyen Nhi Dien, Prof. Dr. Hiroyoshi Sakurai	
14:05-15:35	Summary Reports of all Technical Sessions	Chairmen of Technical Sessions
15:35-15:45	Conference summary report	Assoc. Prof. Dr. Nguyen Nhi Dien Vice-President of Scientific Committee of VinAtom
15:45-15:55	Awards for the best papers and the best papers of young scientists	Dr. Pham Quang Minh Vice-President of VinAtom
15:55-16:00	Closing remarks	Dr. Tran Chi Thanh President of VinAtom