

PROGRAM

THE VIETNAM CONFERENCE ON NUCLEAR SCIENCE AND TECHNOLOGY

Time: 02nd – 04th August 2017

Venue: Sheraton Hotel, 26-28 Tran Phu street, Nha Trang City, Vietnam

Organizers: Vietnam Atomic Energy Institute (VINATOM);

Vietnam Atomic Energy Society (VAES); and

Department of Science and Technology of Khanh Hoa Province

Time	Content	Person Responsible
August 1st, 2017: Participant registration at Sheraton Hotel (15:00-17:00)		
August 2nd, 2017: Conference Opening Ceremony and Plenary Session (Invited speakers)		
7:15-8:00	Participant Registration	Organizers
8:00-8:25	Conference Opening Ceremony	
8:00-8:05	Introduction of participants and Conference Agenda	Assoc. Prof. Nguyen Nhi Dien VINATOM, Vietnam
8:05-8:15	Opening address by the representative of Ministry of Science and Technology of Vietnam (MOST)	Dr. Pham Cong Tac Deputy Minister of MOST
8:15-8:25	Welcome speech by the representative of Khanh Hoa Provincial People's Committee	Mr. Nguyen Duy Bac Vice Chairman of Khanh Hoa Provincial People's Committee
8:25-18:30	Plenary Session and IAEA Workshop (Presentations by Invited Speakers)	
8:25-8:30	Introduction of Chairman for Plenary Session	Organizers
8:30-8:55	Study of air particulate matter using nuclear analytical techniques	Prof. Pham Duy Hien VINATOM, Vietnam
8:55-9:20	Nuclear research at JINR: Present and future	Prof. Mikhail Grigorievich Itkis Vice Director of JINR, Dubna, Russia
9:20-9:45	Physics of the Quark-Gluon Plasma with ALICE at the LHC	Prof. Boris Hippolyte Deputy-Spokesperson, ALICE Collaboration CERN, Geneva
9:45-10:10	Upgrades, operation and utilization experience at the NCSU PULSTAR reactor	Prof. Ayman Hawari NCSU, USA
10:10-10:35	Application nuclear techniques for sustainable agriculture: current status and perspective	Prof. Le Huy Ham Director General of AGI, MARD, Vietnam
10:35-10:55	<i>Conference Photo and Coffee break</i>	
10:55-11:20	Introduction of Countrywide Environmental Radiological Monitoring Systems	Mr. Balázs Dedek GAMMA, Hungary

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11:20-11:45	Nuclear Safety Research in Singapore	Assoc. Prof. Chung Keng Yeow SNRSI (NUS), Singapore
11:45-12:10	Formation and Chemistry of Groundwater Resource in the Me Kong River Delta, Viet Nam	Dr. Dang Duc Nhan EPU, MOIT, Vietnam
12:10-12:30	Sharing Experiences on Developing Nuclear Technologies in Korea	Prof. Chul Hwa Song KAERI, Korea
12:30-13:30	<i>Lunch break</i>	
13:30-13:55	Recent achievements in the study of level structure of atomic nuclei in Vietnam	Assoc. Prof. Nguyen Quang Hung Duy Tan University, Vietnam
13:55-14:20	The nuclear shell model today: Experimental point of view	Dr. Serge Franchoo IPN Orsay, France
14:20-14:45	ELI-NP: Glimpse in the future of nuclear photonics	Dr. Dimiter Balabanski ELI-NP, Magurele, Romania
14:45-15:10	Application of Ionizing Radiation in Diagnosis and Cancer Treatment	Prof. Mai Trong Khoa Bach Mai Hospital, Vietnam
15:10-15:30	Research in Mutant Rice Varieties: High Yield, Good Quality and Disease Resistance by Nuclear Technology	Prof. Tran Duy Quy IAP, Vietnam
15:30-15:45	Japanese view on secondary side environmentally assisted cracking issues of PWR Steam Generator	Dr. Toshio Yonezawa Tohoku University, Japan
15:45-16:00	<i>Coffee break</i>	
16:00-18:30	IAEA Workshop on "Application of Nuclear Techniques in Industry, Agriculture and Healthcare"	
16:00-16:30	- Welcome Speech by the Representative of International Atomic Energy Agency - IAEA Technical Cooperation Program for Sustainable Development	Dr. Najat Mokhtar Director of the TCAP, Division for Asian and the Pacific, IAEA
16:30-16:55	Essential Role of Nuclear Power for Sustainable Reduction of Greenhouse Gas Emissions	Prof. Misak Jozef UJV Rez, a.s., Czech Republic
16:55-17:20	Area-wide Management of Fruit Flies	Dr. Rui Cardoso Pereira IAEA
17:20-17:45	Area Wide Suppression of Bactrocera Fruit Flies in Dragon Fruit Orchards in Binh Thuan, Vietnam	Dr. Nguyen Thi Thanh Hien PPRI, MARD, Vietnam
17:45-18:10	Radiation Processing Applications: IAEA Perspectives	Dr. Sunil Sabharwal IAEA
18:10-18:30	Application of Radiation Technology in VINAGAMMA	Mr. Le Minh Tuan VINAGAMMA, Vietnam
19:00-21:00, August 2nd, 2017: Welcome Party at Ngoc Trai Restaurant		

Time	Content	Person Responsible
August 3rd, 2017: Technical Sessions and Poster Sessions		
8:00-18:00	Technical sessions: <ul style="list-style-type: none"> • Section A: Nuclear Power, Nuclear Reactors and Human Resource Training • Section B: Nuclear Physics, Nuclear Data, Accelerator and Nuclear Analysis. • Section C: Radiation Measurement, Radiation Safety and Environment Monitoring. • Section D1-D2: Application of Nuclear Techniques in healthcare and industry. • Section D3-D4: Radiation Technology Application and Application of Nuclear Techniques in agriculture and other areas. • Section E: Radioactive Chemistry, Nuclear Chemistry, Nuclear Material Technology, Nuclear Fuel Cycle and Radioactive Waste Management. 	
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
14:45-16:15	Coffee break followed by Poster Sessions	
16:15-17:30	Technical sessions	Presenters
August 4th, 2017: Technical Sessions, Plenary Session: Summary Report and Closing		
8:00-12:25	Technical sessions: <ul style="list-style-type: none"> • Section A: Nuclear Power, Nuclear Reactors and Human Resource Training • Section B: Nuclear Physics, Nuclear Data, Accelerator and Nuclear Analysis. • Section C: Radiation Measurement, Radiation Safety and Environment Monitoring. • Section D1-D2: Application of Nuclear Techniques in healthcare and industry. • Section D3-D4: Radiation Technology Application and Application of Nuclear Techniques in agriculture and other areas. • Section E: Radioactive Chemistry, Nuclear Chemistry, Nuclear Material Technology, Nuclear Fuel Cycle and Radioactive Waste Management. 	
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>	
13:30-16:00	Plenary session: Summary Reports and Closing	
13:30-13:40	Introduction of Chairman	Organizers
13:40-15:00	Summary Reports of all Technical Sessions	Chairmen of Technical Sessions
15:00-15:30	Conference Summary Report	Chairman of Organizing Committee
15:30-16:00	Conference Closing	Organizers