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Program of Vietnam/Japan Research/HRD Forum on Nuclear Technology-X
Place of Forum: Meeting room of Nuclear Training Center

Time	Title	Name	MC/Responsible
March28 (Thursday), 2019			
8:00–8:30	Registration		
	Opening Ceremony		
8:30–8:40	Opening Remark	Mr. Takehiro TSUCHIYA	V:Dr. Tran Ngoc Toan J:TomoakiShirakawa
8:40–8:50	Opening Remark	Dr. Tran Chi Thanh	
8:50–9:00	Opening Remark	Dr. Masaki SAITO	
9:00–9:10	Photograph	—	
	Session 1 (Hot topics in Vietnam and Japan) Presentation 25 minutes, Q&A 5 minutes		
9:10–9:30	(S1-1-J) Current Status of Nuclear Power in Japan	Mr. Yuji TAKAHASHI (JINED)	V: Dr. Tran Ngoc Toan J: Fumiaki Yamamoto
9:30–9:50	(S1-2-V) Status of the Research Center for Nuclear Energy Science and Technology (RCNEST)	Dr. Tran Chi Thanh (VINATOM)	
9:50–10:10	Tea Break Hosted by Vietnam		

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Time	Title	Name	MC/Responsible
	Session2-1 (Radiotherapy) Presentation 25 minutes, Q&A 5 minutes		
10:10 – 10:40	(S2-1-J) Proton Therapy	Dr. Shigekazu FUKUDA (National Institute of Radiological Sciences)	V: Dr. Tran Ngoc Toan J: Ming-Rong Zhang
10:40 – 11:10	(S2-2-V) Recent Advances in cancer diagnosis and treatment in Vietnam	Prof. Mai Trong Khoa (Bach Mai Hospital)	
11:10 – 11:40	(S2-3-J) Development and Production of Radioprobes for Positron Emission Tomography and Targeted Radionuclide Therapy in Japan	Dr. Minoru SUZUKI (Kyoto University)	
11:40 – 12:10	(S2-4-V) Development of technologies in preparation of radiopharmaceuticals based on monoclonal antibodies for diagnostic and targeted cancer therapy	Dr. Nguyen Thi Thu (Dalat Nuclear Research Institute)	
12:10 – 13:30	Lunch Break		
	Session 2-2(Radiotherapy) Presentation 25 minutes, Q&A 5 minutes		
13:30 – 14:00	(S2-5-V) 30 MeV Cyclotron produced Radiopharmaceutical in Vietnam	Pharm. Nguyen Khac That (108 Military Central Hospital)	V: Mr. Do Duc Chi J: Minoru Suzuki
14:00 – 14:30	(S2-6-J) History and present status of reactor-based neutron source for boron neutron capture therapy	Dr. Yoshinori SAKURAI (Kyoto University)	
14:30 – 15:00	(S2-7-V) Advances in external beam radiation therapy for cancer treatment	Dr. Bui Quang Bieu (108 Military Central Hospital)	

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Time	Title	Name	MC/Responsible
15:00 – 15:30	(S2-8-V) Concurrent chemo radiotherapy for T3–4 and N0–1 nasopharyngeal cancer: Asian multicenter trial of the Forum for Nuclear Cooperation in Asia	Dr. Dang Huy Quoc Thinh (Ho Chi Minh City Cancer Center)	V: Mr. Do Duc Chi J: Minoru Suzuki
	Site visit		
15:30 – 17:20	108 Military Central Hospital (1 Trần Hưng Đạo Street, Hoàn Kiếm District, Hanoi, Vietnam)		Mr. Bui Quang Bieu
18:30 – 20:00	Reception Co-Sponsored by VINATOM and Japan @ Sen 60 Ly Thai To		

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Time	Title	Name	MC/Responsible
March 29 (Friday), 2019			
Session 2-3 (Radiotherapy) Presentation 25 minutes, Q&A 5 minutes			
8:30 – 9:00	(S2-9-J) Overview of accelerator-based neutron source for boron neutron capture therapy	Dr. Hiroki TANAKA (Kyoto University)	V: Mr. Pham Quang Trung J: Yoshinori Sakurai
9:00 – 9:30	(S2-10-V) Simulation of the image-based 3D dose distribution by Geant4: Application to liver cancer treatment with 90Y	Dr. Phan Viet Cuong (Vinagamma Center, Danang)	
9:30 – 10:00	(S2-11-J) Features of the Particle and Heavy Ion Transport Code System PHITS and its Applications to Medical Physics	Dr. Tatsuhiko SATO (JAEA)	
10:00 – 10:20	Tea Break Hosted by Vietnam		
10:20 – 10:50	(S2-12-V) Comparison and evaluation of the accuracy of dose distribution of photon beams in heterogeneous density regions calculated with the AAA and Acuros algorithms in Eclipse 13.6 with Geant4/GATE Monte-Carlo simulations	Dr. Pham Quang Trung (108 Military Central Hospital)	V: Mr. Phan Viet Cuong J: Taiga Yamaya
10:50 – 11:20	(S2-13-J) Real-time tumor tracking radiotherapy for moving targets using a gimbal mounted linac	Dr. Mitsuhiro NAKAMURA (Kyoto University)	
11:20 – 11:50	(S2-14-V) Challenges of Applying New Advanced techniques in Radiation Therapy at Vietnamese's Hospitals	Mr. Tran Cuong (Cho Ray Hospital)	

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Time	Title	Name	MC/Responsible
11:50 – 13:00	Lunch Break		
	Session 3 (Nuclear Medicine) Presentation 25 minutes, Q&A 5 minutes		
13:00 – 13:30	(S3-1-J) Development of next generation positron emission tomography (PET) imaging technologies	Dr. Taiga YAMAYA (National Institute of Radiological Sciences)	V:Mr. Nguyen Khac That J:Hiroki Tanaka
13:30 – 14:00	(S3-2-V) Current Status of Radioisotope and Radiopharmaceutical Production at the Dalat Nuclear Research Reactor	Mr. Duong Van Dong (Dalat, Nuclear Research Institute)	
14:00 – 14:30	(S3-3-J) Development and Production of Radioprobes for Positron Emission Tomography and Targeted Radionuclide Therapy in Japan	Dr. Ming-Rong Zhang (National Institute of Radiological Sciences)	
14:30 – 14:50	Tea Break Hosted by Vietnam		
14:50 – 15:20	(S3-4-V) Application of 30 MeV Cyclotron for Radiopharmaceutical Production and Research	Dr. Dam Nguyen Binh (108 Military Central Hospital)	V:Mr. Nguyen Huu Quyet J:Mitsuhiro Nakamura
15:20 – 15:50	(S3-5-J) Research and Development of $^{99}\text{Mo}/^{99\text{m}}\text{Tc}$ Production Process by(n, γ) Method	Dr. Kunihiko TSUCHIYA (JAEA)	

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Time	Title	Name	MC/Responsible
15:50 – 16:20	(S3-6-V)Research and Production of Radiopharmaceuticals in Hanoi Irradiation Center – orientation and international cooperation in research and development	Nguyen Quang Anh (Hanoi Irradiation Center)	V: Mr. Nguyen Huu Quyeta J:Mitsuhiro Nakamura
	Closing session		
16:20 – 16:30	Summarized by Vietnam	Dr. Tran Ngoc Toan	V: Dr. Trinh Anh Duc J:Tomoaki Shirakawa
16:30 – 16:40	Summarized by Japan	Dr. Shigekazu FUKUDA	
16:40 – 16:45	Closing remark	Dr. Tran Chi Thanh	
16:45 – 16:50	Closing remark	Dr. Masaki SAITO	