

# ISMTR-7

## 7th International Symposium on Material Testing Reactors

Monday, October 20 <sup>th</sup> , 2014			
08:00-09:00	Transfer from Warsaw to NCBJ		
09:00-09:30	Registration / morning coffee		
09:30-09:40	Symposium Opening - Welcome		
09:40-10:00	Introduce to NCBJ	Grzegorz Krzysztosek	NCBJ
10:00-10:20	NCBJ activities in the research reactor field	Janusz Jaroszewicz	NCBJ
10:20-10:40	Current status of JMTR	Etsuo Ishitsuka	JAEA
10:40-11:00	Nuclear Energy Division in NCBJ	Kajetan Różycki	NCBJ
11:00-11:20	Coffee break		
11:20-11:40	Beryllium Reflector Materials for Research & Test Reactor Applications	Christopher Dorn	MATERION
11:40-12:00	Fast neutron in beryllium matrix of MARIA reactor using diffusion model	Zuzanna Marcinkowska	NCBJ
12:00-12:40	Tritium release rate into primary coolant. Data of JMTR, JRR-3M and JRR-4	Etsuo Ishitsuka	JAEA
12:40-13:40	Lunch – NCBJ cafeteria		
13:40-14:00	Long-Term Irradiation Technology using Capsule at HANARO	Kee Nam Choo	KAERI
14:00-15:00	Technical Tour: POLATOM Laboratory		
15:00-15:20	Coffee break		
15:20-15:40	Research and Development of High-performance Instruments for Safety Measures in LWRs	Shunji Ueno	JAEA
15:40-16:00	Fast neutron irradiation facilities in MARIA reactor	Rafał Prokopowicz	NCBJ
16:00-16:40	Transfer from NCBJ to Warsaw		
19:00-21:30	Banquet: Warsaw	All	

Tuesday, October 21 <sup>th</sup> , 2014			
08:00-09:00	Transfer from Warsaw to NCBJ		
09:00-09:20	Status of Molybdenum program in NCBJ	Janusz Jaroszewicz	NCBJ
09:20-09:40	Status of <sup>99</sup> Mo/ <sup>99m</sup> Tc Production Development by (n,γ) Reaction in JMTR	Kunihiko Tsuchiya	JAEA
09:40-10:00	Extraction properties of <sup>99m</sup> Tc from irradiated High-density MoO <sub>3</sub> Pellets solution	Akira Shibata	JAEA
10:00-10:20	Neutron measurements for graphite DPA evaluation	Michał Dorosz	NCBJ
10:20-10:40	Coffee break		
10:40-11:00	Current status and developments of post irradiation examination techniques in JMTR Hot laboratory	Akira Shibata	JAEA
11:00-11:20	Development of Hydrogen Sensor with Solid conductor for In-pile Measurements in Neutron Irradiation Tests	Noriaki Ohtsuka	JAEA
11:20-12:00	Technical Tour: Laboratory of Material Research		
12:00-13:00	Lunch – NCBJ cafeteria		
13:00-13:20	Development of Radiation Resistant In-water Transmission System	Kunihiko Tsuchiya	JAEA
13:20-13:40	Accurate on-line nuclear heating measurements for MARIA & JHR MTR's	Mikołaj Tarchalski	NCBJ
13:40-14:00	Seismic impact on MARIA reactor reactivity changes	Maciej Lipka	NCBJ
14:00-15:00	Technical Tour: MARIA research reactor		
15:00-15:20	Coffee break		
15:20-15:50	Final remarks and ISMTR announcement	All	
15:50-16:30	Transfer from NCBJ to Warsaw		