

Symposium on Solving Problems in Research Reactors

5 Dec., 2025, Mito Station South Satellite, Ibaraki University

PROGRAMME

Friday 5th December, 2025

9:00 - 9:20 Memorial Photograph

9:20 - 9:30 Opening address

Prof. Kazuaki Iwasa (Director of RECAS, Ibaraki University)

Chairman: Etsuo Ishitsuka (Ibaraki Univ.)

Session 1 : Learning from South Korea: Technology Succession & Human Resource Development			
9:30 - 9:50	Construction Experience of the Jordan Research and Training Reactor	Byung Jin Jun	Retired from KAERI Former JAEA Research Fellow
9:50 - 10:10	KAERI's Experiences with the KJRR and other Research Reactor Projects	Cheol Park	KAERI Former JAEA Research Fellow
10:10 - 10:30	Development of U-Mo Fuel for Research Reactors and Its Impact	Jong Man Park	KAERI
10:30 - 10:50	New Research Reactor Program at the "Monju" Site	Toshinobu Sasa	JAEA
10:50 - 11:10	Technical Knowledge Transfer for the Restart of the Tokai No.2 Nuclear Power Plant	Katsumasa Miyoshi	Japan Atomic Power Company
11:10 - 11:30	Discussion : Suggestions for New Research Reactor and Technology Succession	All participants	

11:30 - 13:30 LUNCH

Chairman: Akinori Hoshikawa (Ibaraki Univ.)

Session 2 : Neutron Science Research			
13:30 - 13:50	Current Status of Neutron Science Research at HANARO and Possibilities for Joint Beam Utilization	Young Soo Han	KAERI
13:50 - 14:10	Neutron Science Research at Ibaraki University: Collaborations & Education	Kazuaki Iwasa	Ibaraki University

Chairman: Kazuaki Iwasa (Ibaraki Univ.)

Session 3 : Irradiation Tests for Fusion Materials			
14:10 - 14:30	New Concept of Neutron Multiplier and Necessary Irradiation Tests	Etsuo Ishitsuka	Ibaraki University
14:30 - 14:50	Applied Irradiation Research for Breeding Blanket and Plasma-Facing Materials in Fusion Systems	Inesh Kenzhina	Satbayev University, Kazakhstan

14:50 - 15:10 COFFEE BREAK

Chairman: Naoyuki Takaki (Tokyo City Univ.)

Session 4 : Medical RI Production			
15:10 - 15:30	Domestic Production of Ac-225 using the Experimental Fast Reactor JOYO	Yuto Sasaki	JAEA
15:30 - 15:50	Status of Medical Radioisotope Production and Future Plans for Ac-225	Yelena Chakrova	INP, Kazakhstan
15:50 - 16:10	Status of Medical RI Production and Plan of Ac-225 Production in Indonesia	Herlan Setiawan	BRIN, Indonesia
16:10 - 16:30	Status of Medical RI Production and Future Production Plans in Australia	Leena Burgess	ANSTO, Australia
16:30 - 16:50	Robust and Scalable Production of Key Medical Radioisotopes (Mo-99, Lu-177, Ac-225) via Commercial Light Water Reactors	Naoyuki Takaki	Tokyo City University
16:30 - 16:50	Discussion : Ac-225 Production and Stable Supply of Ra-226	All participants	

16:50 - 17:00 Closing remarks

Prof. Etsuo Ishitsuka (Ibaraki University)