

[WD1] Radiochemistry III: Isotope Separation & Analysis	
Date / Time	September 9 (Wed.), 2026 / 09:30~11:30
Place	Room D (Segyero Room 3)
Chairpersons	Prof. Jong Woo Kim (Incheon National University), Dr. Chan Woo Park (Korea Atomic Energy Research Institute)

[WD1_1] **09:30~09:50**

Feasibility Study on Lithium Isotope Separation via Centrifugation

Young ah Park, Yi-Hyun Park, Woong-chae Kim

Korea Institute of Fusion Energy

[WD1_2] **09:50~10:10**

Eco-Friendly Hybrid ^6Li Enrichment and Feedstock Synthesis for Fusion Fuel

Ji-Hyeok Choi¹, Yi-Hyun Park², Young Soo Yoon¹

¹Gachon University, ²Korea Institute of Fusion Energy

[WD1_3] **10:10~10:30**

Progress in Hydrogen Isotope Separation Technologies for Nuclear Application

Chan Woo Park, Hyung-Ju Kim, Hee-Man Yang

Korea Atomic Energy Research Institute

[WD1_4] **10:30~10:50**

Development of a Novel High-Performance Adsorbent for Ga-68 Generator

Jun Young Lee, Min Goo Hur, Jeong Hoon Park

Korea Atomic Energy Research Institute

[WD1_5] **10:50~11:10**

R&D Status of Li_2TiO_3 Breeder Pebbles for Fusion Breeding Blankets

Yi-Hyun Park¹, Young Ah Park¹, Woong-chae Kim¹, Mu-Young Ahn¹, Young Soo Yoon², Haixia Wang³

¹Korea Institute of Fusion Energy, ²Gachon University, ³Institute of Nuclear Safety Technology

[WD1_6] **11:10~11:30**

Equation-Oriented Simulation and Optimization of Combined Electrolysis Catalytic Exchange Process for Heavy Water Production Plant

Dong Wan Kim¹, Sang Ho Lim^{2,3}, Dong Woo Lee^{2,3}, Jong-Yun Kim^{2,3}, Jong Woo Kim¹

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