

[WB2] Radiochemical Analysis & Characterization of Decommissioning and Radioactive Waste	
Date / Time	September 9 (Wed.), 2026 / 13:30~14:50
Place	Room B (Segyero Room 1)
Chairpersons	Dr. Jeongmook Lee (Korea Atomic Energy Research Institute), Dr. Seon Byeong Kim (Korea Atomic Energy Research Institute)

[WB2_1]

13:30~13:50

Uncertainty-Aware Scaling Factor Evaluation of Activated Reactor Vessel Internals Using Information-Driven Sampling Strategies

Tae-Hyeong Kim¹, Byungman Kang¹, Dong Woo Lee^{1,2}, Sang Ho Lim^{1,2}, Nak Woong Yang³, Seokjun Hong³, Chang-Je Park³, Jong-Yun Kim^{1,2}, Jeongmook Lee^{1,2}

¹Korea Atomic Energy Research Institute, ²University of Science and Technology, ³Sejong University

[WB2_2]

13:50~14:10

Radioactive Concrete Waste Treatment based on Stepwise Separation Technology

Keunyoung Lee¹, Maengkyo Oh¹, Jaewoong Hwang^{1,2}, Sungjune Sohn¹, Bum-Kyoung Seo¹, Sang Mook Kang³, Oleksii Miasnykov⁴

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[WB2_3]

14:10~14:30

Adsorption and Desorption Evaluation for Soil Physicochemical Characteristics and Radionuclide such as Cs, Sr, and Co in Decommissioning Site of Nuclear Facilities Using Machine Learning

In-Ho Yoon, Sunyoung Park, Haein Kim, Ilgook Kim

Korea Atomic Energy Research Institute

[WB2_4]

14:30~14:50

Re-Evaluation of HANARO Gaseous Radioactive Waste Source Term based on Recent Operating Experience

Jayeong Yoon, DongHyuk Lee

Korea Atomic Energy Research Institute