

[W1C] Session C. Radiochemistry	
Date / Time	December 7 (Wed.), 2022 / 13:00-15:00
Place	S306 (3F)
Chairpersons	Dr. Jong-Yun KIM (KAERI) Dr. Sang Ho LIM (KAERI)

W1C_01

[INVITED]

13:00-13:30

Determination of Long-Lived Radiocesium by Inductively Coupled Plasma Mass Spectrometry

Shiho Asai^{1,2}

¹National Metrology Institute of Japan, Japan, ²National Institute of Advanced Industrial Science and Technology, Japan

W1C_02

13:30-14:00

Thermodynamics of Aqueous Thorium(IV) Complexes with Aromatic Monocarboxylic Model Ligands

Seonggyu Choi^{1,2}, Kiwan Jang², Jong-il Yun²

¹Korea Atomic Energy Research Institute, Republic of Korea, ²Korea Advanced Institute of Science and Technology, Republic of Korea

W1C_03

14:00-14:30

Laser-Induced Breakdown Spectroscopy in Extreme Environments – Process Monitoring in Molten Salts for Radioactive Waste Management

Yunu Lee¹, Richard I. Foster², Hyeongbin Kim², Sungyeol Choi²

¹Korea Advanced Institute of Science and Technology, Republic of Korea, ²Seoul National University, Republic of Korea

W1C_04

14:30-15:00

Structural Insights on Am(III)-Isosaccharinate Complexes Based on a Spectroscopic Study and Density Functional Theory Calculations

Hee-Kyung Kim¹, Keunhong Jeong², Hye-Jin Cho¹, Ung Hwi Yoon², Hye-Ryun Cho¹

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