

[W2C] Session C. Radiochemistry	
Date / Time	December 7 (Wed.), 2022 / 15:20-17:20
Place	S306 (3F)
Chairpersons	Dr. Jong-Yun KIM (KAERI) Dr. Sang Ho LIM (KAERI)

W2C_01

15:20-15:50

Retention of Niobium by Cementitious Materials

Yongheum Jo^{1,2}, Nese Cevirim-Papaioannou¹, Markus Fuss¹, Karsten Franke³, Benny de Blochouse⁴, Marcus Altmaier¹, Xavier Gaona¹
¹Karlsruhe Institute of Technology, Germany, ²Korea Atomic Energy Research Institute, Republic of Korea, ³Helmholtz-Zentrum Dresden-Rossendorf, Germany, ⁴ONDRAF/NIRAS, Belgium

W2C_02

15:50-16:20

Radionuclides Remediation Using Synthetic Chemical and Biological Approaches

Woorim Son¹, Ji Seong Moon¹, Jinhee Park², Jinkyu Park¹

¹Gyeongsang National University, Republic of Korea, ²Daegu Gyeongbuk Institute of Science & Technology, Republic of Korea

W2C_03

16:20-16:50

Sunlight-Induced Uranium Extraction with Triazine-Based Carbon Nitride as Both Photocatalyst and Adsorbent

Shuang Liu^{1,2}, Yuexiang Lu², Sungyeol Choi¹

¹Seoul National University, Republic of Korea, ²Tsinghua University, China

W2C_04

16:50-17:20

Thermodynamic Modeling of Cs Oxide in Molten Slag and Application to the Design of Nuclear Waste Treatment Process of Steels

In-Ho Jung

Seoul National University, Republic of Korea