

[MC1] Radiochemistry I: Environmental Radioactivity and Analysis	
Date / Time	September 7 (Mon.), 2026 / 13:00~15:00
Place	Room C (Segyero Room 2)
Chairpersons	Dr. Sang-Han Lee (KRISS), Dr. Myung Ho Lee (Korea Reactor Integrity Surveillance Technology)

[MC1_1]

13:00~13:20

Investigation of Polonium-210 Volatility in Biological Samples

Nicolas Guérin, Alexandre Gagné, John Leppinen, Da Ol Joseph Ro, Debbie Behm

Canadian Nuclear Laboratories

[MC1_2]

13:20~13:40

Efficient Chemical Separation of ⁹⁰Sr in Environmental Soil and Marine Sediment Using Cation Exchange Resin

Cheol-Su Kim, Bong-Ho Kim, Yong-Jin Lee

Korea Institute of Nuclear Safety

[MC1_3]

13:40~14:00

Comparative Study of Quantitative Elemental Analysis of Geological Samples Using WDXRF and Other Spectroscopic Techniques

Pottumuthu Hemalatha¹, Vasundhara Balireddy¹, Sarma MSSRKN¹, Sowjanya Penta², Kishore Babu Dasari³

¹GITAM University, ²Government Degree College, Paderu, ³Jeonbuk National University

[MC1_4]

14:20~14:40

Natural Radioactivity in Engineering Brick Samples of Tamil Nadu, India

K. Kaviyam, A. Chandrasekaran

Sri Sivasubramaniya Nadar College of Engineering

[MC1_5]

14:40~15:00

Distribution of Natural Radionuclides and Associated Radiological Hazards in Granite Rock Samples from Tamil Nadu

R. Jayasri, A. Chandrasekaran

Sri Sivasubramaniya Nadar College of Engineering