

[W1I] Session I. Instrumentations and Sensors	
Date / Time	December 7 (Wed.), 2022 / 13:00-15:00
Place	S301+S302 (3F)
Chairpersons	Prof. Manhee JEONG (Jeju Nat'l Univ.) Dr. Byung Gun PARK (KAERI)

W1I_01

13:00-13:20

Development of an Active Radon Mitigation System with a Highly Sensitive Radon Detector

Sanghoon Hwang^{1,2}, Minji Han^{1,2}, J.M. Lee^{1,2}, K.B. Lee^{1,2}, B.C. Kim¹, D.H. Heo¹

¹Korea Research Institute of Standards and Science, Republic of Korea, ²University of Science and Technology, Republic of Korea

W1I_02

13:20-13:40

Development of Thoron (²²⁰Rn) Detector at KRISS

Minji Han^{1,2}, S.H. Hwang^{1,2}, J.M. Lee^{1,2}, K.B. Lee^{1,2}, B.C. Kim¹, D.H. Heo¹

¹Korea Research Institute of Standards and Science, Republic of Korea, ²University of Science and Technology, Republic of Korea

W1I_03

13:40-14:00

Determination of ⁵⁵Fe and ⁵⁹Ni Using Silicon Drift Detector

Jinhyung Lee, Chang-Jong Kim, Mee Jang, Jiyoung Park, Jong-Myoung Lim, Sang Bum Hong, Hyuncheol Kim

Korea Atomic Energy Research Institute, Republic of Korea

W1I_04

14:00-14:20

Critical Limit for Single Escape Peak of Co-60 for Avoiding the Cs-137 Misdetection

Myong-Seop Kim, Taeyun Kim, Byung-Gun Park

Korea Atomic Energy Research Institute, Republic of Korea

W1I_05

14:20-14:40

Design and Fabrication of X-Ray/Neutron Simultaneous Detector

Chang Goo Kang, Su Jin Kim, Jeong Min Park, Han Soo Kim, Jang Ho Ha, Young Soo Kim

Korea Atomic Energy Research Institute, Republic of Korea

W1I_06

14:40-15:00

Study of Cooking Methods Impact on Elements of Pulses by Using EDXRF

B.Aruna, P.V. Lakshmi Narayana, A. D. P. Rao

Andhra University, India