

[WC1] Dosimetry	
Date / Time	September 9 (Wed.), 2026 / 10:10~11:30
Place	Room C (Segyero Room 2)
Chairpersons	Dr. Jungil Lee (Korea Atomic Energy Research Institute), Dr. Byung Gun Park (Korea Atomic Energy Research Institute)

[WC1_1] [Invited] 10:10~10:30

A Statistical Reconstruction Method for Determining 99.5th Percentile Atmospheric Dispersion Factors from ARCON96 Frequency Distribution Tables

Seung-Chan Lee, Kyungho Nam

Korea Hydro & Nuclear Power Co., Ltd.

[WC1_2] 10:30~10:50

Characterization of Neutron Spectrum of NAA Irradiation Positions of HANARO: Validation and Application

Kishore Babu Dasari^{1,2}, Jong Hwa Moon¹, Seongpyo Hong¹, Hana Cho^{1,3}, Gwang-Min Sun¹

¹Korea Atomic Energy Research Institute, ²Jeonbuk National University, ³Korea Research Institute of Standards and Science

[WC1_3] 10:50~11:10

Predicting the Biological Effects of Auger-Emitting Radionuclides Using a Local Effect Model

Taewan Kim^{1,2}, Seok-Jin Kim², Jun Young Lee¹, Byeongchan Lee¹, Jeong Hoon Park¹, Sung-Joon Ye²

¹Korea Atomic Energy Research Institute, ²Seoul National University

[WC1_4] 11:10~11:30

Improved Precision of L-Band Electron Paramagnetic Resonance Tooth Dosimetry Using Information-Guided Nonlinear Field Sweep

Jeonghun Oh¹, Chang Uk Koo², Jong In Park³, Junyoung Lee¹, Sung-Joon Ye^{1,4}

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