[TS14W2]

Nanotechnology in EHS (Environment, Health, Safety) & Standardization 1

Date & Time	July 8(Wed.), 2026 / 15:50-18:05
Place	Room 303
Session Chair(s)	Dr. June-Woo Park (KITOX)

TS14W2_I_1 ***Invited** 15:50-16:20

Label-Free Optical Imaging of Live Biological Dynamics for Multi-Scale Nanotoxicity Assessment as Optical NAMs

Ik Hwan Kwon
(Korea Research Institute of Standards and Science)

TS14W2_I_2 ***Invited** 16:20-16:50

Exploring Earthworm Coelomocytes as a New Approach Methodology (NAM) for Evaluating the Cytotoxicity and Immunotoxicity of Nanomaterials

Jin Il Kwak
(Pukyong National University)

TS14W2_O_3 ***YSA Applied** 16:50-17:05

Advancing spICP-TOF-MS Performance for Synthetic and Biological Nanocolloids via Isotope Ratio Filtering

Minseop Kim, Seung Min Ha, Yewon Han, and Tae Hyun Yoon
(Hanyang University)

TS14W2_I_4 ***Invited** 17:05-17:35

Inhalation Toxicity and Exposure Characterization of Graphene Oxide

Yong Su Kim, Jae Hyuck Sung, Seung Han Lee, Jin Beom Cho, and Kyung Suk Song
(Korea Conformity Laboratories)

TS14W2_I_5 ***Invited** 17:35-18:05

From Nanoscale Measurement to Medical Insight: SI Traceable TEM for Quantitative Biology and Disease Detection

Ibolya E Kepiro
(National Physical Laboratory)