[TS14T3]

Nanotechnology in EHS (Environment, Health, Safety) & Standardization 2

Date & Time	July 9(Thu.), 2026 / 09:30-11:00
Place	Room 303
Session Chair(s)	Dr. Moon-Keun Lee (NNFC)

TS14T3_I_1 ***Invited** 09:30-10:00

Airborne Nanoplastics: From Analytical Challenges to Inhalation Exposure Platform Development

Ki-Joon Jeon
(Inha University)

TS14T3_I_2 ***Invited** 10:00-10:30

From Signal to Reliability: A Standardized Performance Metrics Approach to Nanoscale Sensing

Mike Yao[1], Ming-Chou Lin[2], Chia-Jung Chu[2], and Tsing-Tang Song[1]
([1]Industrial Technology Research Institute, [2]Silicon Based Molecular Sensoring Technology Co., Ltd.)

TS14T3_O_3 ***YSA Applied** 10:30-10:45

Quantification of Remanent Polarization in Ferroelectric Semiconductor Transistors

Chan Kwon[1], Heejun Yang[2], and Mun Seok Jeong[1]
([1]Hanyang University, [2]Korea Advanced Institute of Science and Technology)

TS14T3_O_4 10:45-11:00

A Radiotracer-Based Toxicokinetic Analysis of Micro- and Nanoplastics across Inhalation, Oral, and Dermal Exposure Pathways

Joycie Shanmugiah and Jin Su Kim
(Korea Institute of Radiological and Medical Sciences)