

[TS15W1]

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

Date & Time	July 3(Wed.), 2024 / 09:00–10:30
Place	Room 307
Session Chair(s)	June-Woo Park (KIT)

TS15W1_I_1 *Invited 09:00–09:30

Efficiency of Embryonic Zebrafish Model in Toxicology: Toxicity of Nanoparticles

Kitae Kim

(Seoul National University of Science and Technology)

TS15W1_I_2 *Invited 09:30–10:00

Synthesis of Surface Engineered Quantum Dots for Optoelectronic and Biological Applications

Jongnam Park

(UNIST)

TS15W1_O_3 10:00–10:15

Electronic Structure Analysis of Cobalt Based Oxide using LowDose Monochromated STEM-EELS

Jong Hyeok Seo^{1,2}, Joon Yong Park³, Ki Min Nam³, Sang Jung Ahn^{1,2}, Soo Heyong Lee^{1,2}, Joo Hyun Lee¹, Hyun Ruh¹, and Ji-Hwan Kwon^{1,2}

(¹KRISS, ²UST, ³Pusan National University)

TS15W1_O_4 10:15–10:30

Modification of Multi-Walled Carbon Nanotubes Toxicity by Prolonged Aging in Aqueous Phase

Youn-Joo Jung¹, Thillaichidambaram Muneeswaran², Jin Soo Choi¹, Sumin Kim³, Jong Hun Han³, Wan-Seob Cho², and June-Woo Park^{1,4}

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