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NANO KOREA 2026

The 24th International Nanotech Conference

Innovation for Future: As Nano Meets AI

July 8(Wed.) – 10(Fri.), 2026

KINTEX Exhibition Hall 1, Korea

Hosted by Ministry of Science and ICT, Ministry of Trade, Industry and Resources

Organized by KoNTRS Korea Nanotechnology Research Society, KNTIA

TS14 Nanotechnology in EHS (Environment, Health, Safety) & Standardization

Theme

Nano-EHS and Standardization for Next-Generation Advanced Nanomaterials

Recent developments in nanosciences and nanotechnology have led to the commercialization and incorporation of an increasing number of nanoproducts into our daily life. Since we don't fully understand the risks that these new technologies pose, there are growing concerns about how they will affect people's health and the environment. For instance, there are increasing concerns on the effects of advanced nanomaterials in the environment and human health, while developments and applications of novel 2D nanomaterials request urgent development of innovative assessment technologies for these advanced materials. In this session, we'll offer forums for discussing about important issues related to the nanosafety, standardization, and nano ESG that can help development of safe and sustainable nanotechnologies.

Topics

- Standardization of advanced nanomaterials (quantum dots and 2D materials, etc)
- NAMs (New Approach Methodologies): Innovative technologies for the assessments of advanced (nano)materials
- SSbD(Safety & Sustainability by Design): Characterization and safety evaluation of nanoproducts
- AI-based IATA (Integrated Approaches to Testing)

Important Dates

Abstract Submission Deadline	Notification of Acceptance	Presenter & Pre-Registration Deadline
Friday, March 27, 2026	**Friday, April 24, 2026**	**Friday, May 15, 2026**

Invited Speakers

- Diego Stéfani Teodoro Martinez (CNPEM)
- Henriqueta Louro (INSA)
- Ibolya Kepiro (NPL)
- Kwangsoo Shin (Inha Univ.)
- Mike Yao (ITRI)
- Yang-Won Seo (KEI)
- Yongsoo Kim (KCL)

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Abstract Submission →

http://nanokorea-conference.or.kr/2026/abstract.php

NANO KOREA 2026 Conference Secretariat

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