

# NANO KOREA 2023

## The 21<sup>st</sup> International Nanotech Symposium

- Nanodevice: Evolving into Intelligent Semiconductors -

July 5-7, 2023 / KINTEX, Korea

NANO KOREA Symposium, Korea's the largest symposium on the nanoscale science and technology, will be a meaningful occasion to confirm major research results and up-to-date research trends in Korea and overseas, increase exchanges among researchers in relevant fields, and materialize the results of research.

### Keynote Speaker



Prof. Nakamura Shuji  
(UC Santa Barbara, USA)

Nobel Prize in Physics 2014

### Plenary Speakers



Prof. Maximilian Haider  
(CEOS GmbH & KIT, Germany)



Prof. Hongkun Park  
(Harvard Univ., USA)



Dr. Vijay Narayanan  
(IBM Research, USA)

### Important Dates

Abstract Submission Deadline  
**March 17(Fri), 2023**

Acceptance Notification  
**April 14(Fri), 2023**

Pre-registration Deadline  
**May 19(Fri), 2023**

### Committees

- **Organizing Committee Chair** Jinho Ahn (President of KoNTRS)
- **Symposium Committee Chair** Byoung Hun Lee (POSTECH)
- **Program Committee Chair** Hi-Deok Lee (Chungnam Nat'l Univ.)
- **Program Committee Vice-Chairs** Huisuk Yun (KIMS), Wan Soo Yun (Sungkyunkwan Univ.)

### Programs

- Opening Ceremony, Keynote Speech, Industry Session
- Plenary Session, Technical Session, Poster Session
- Public Session, Satellite/Special Session
- Banquet

### Technical Sessions

| No.  | Session                                                                     | Chair                                     | Co-Chair                                   |
|------|-----------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|
| TS01 | Nano Energy Harvesting                                                      | Prof. Dukhyun Choi (Sungkyunkwan Univ.)   | Dr. Hyun-Cheol Song (KIST)                 |
| TS02 | Nanotechnology for Carbon Neutrality                                        | Prof. Ji-Hyun Jang (UNIST)                | Prof. Jooho Moon (Yonsei Univ.)            |
| TS03 | Nanotechnology for the Next Generation Energy Storage                       | Dr. Seungmin Hyun (KIMM)                  | Prof. Sangmin Lee (POSTECH)                |
| TS04 | Nanobiotechnology                                                           | Prof. Bong Geun Chung (Sogang Univ.)      | Prof. Oh Seok Kwon (Sungkyunkwan Univ.)    |
| TS05 | Nanomedicine                                                                | Prof. Seung Hong Choi (Seoul Nat'l Univ.) | Prof. Nohyun Lee (Kookmin Univ.)           |
| TS06 | Nanoelectronic Devices and Neuromorphic Devices                             | Prof. Bae Ho Park (Konkuk Univ.)          | Prof. Ki Kang Kim (Sungkyunkwan Univ.)     |
| TS07 | Nanophotonics                                                               | Prof. Kyoungsik Yu (KAIST)                | Prof. Myung-Ki Kim (Korea Univ.)           |
| TS08 | Hybrid Nanomaterials for Next Generation Convergence Science and Technology | Dr. Dong-Ho Kim (KIMS)                    | Prof. Sangbum Kim (Seoul Nat'l Univ.)      |
| TS09 | Nanofabrication Platform                                                    | Dr. Jun-Mo Yang (NNFC)                    | Prof. Moon Hee Kang (Chungbuk Nat'l Univ.) |
| TS10 | Nano Metrology & Characterization                                           | Prof. Jae Yong Song (POSTECH)             | Prof. Si-Young Choi (POSTECH)              |
| TS11 | Nano-EHS and Standardization of NT                                          | Dr. Tae Geol Lee (KRISS)                  | Dr. Kyung Seuk Song (KCL)                  |
| TS12 | Materials Modeling and Data Science for NT                                  | Dr. Sang Soo Han (KIST)                   | Prof. Won Bo Lee (Seoul Nat'l Univ.)       |
| TS13 | Nanotechnologies for Next Generation Sensors                                | Dr. Dae-Sik Lee (ETRI)                    | Prof. Inkyu Park (KAIST)                   |

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### NANO KOREA 2023 Symposium Secretariat

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