

# International Workshop on Nanodevice Technologies 2024 (IWNT 2024) - Frontline of semiconductor technologies and industrial activities -

November 15th , 2024, Hiroshima, Japan

Venue: Higashi Hiroshima Arts & Culture Hall Kurara  
Organizer: Research Institute for Semiconductor  
Engineering (RISE), Hiroshima University

## Invited Speakers(Tentative):

**Muhammed Alam**, Purdue University, USA  
*"The Emerging Frontier of More-Moore and More-than-Moore Applications"*

**Kurtis Cantley**, Boise State University, USA  
*"Semiconductor Materials and Devices for Spiking Neuromorphic Architectures"*

**Takashi Hayakawa**, Tokyo Electron, Japan  
*"Challenge & Opportunity for Further Scaling Scenario"*

**Takayuki Iwaki**, Micron Memory Japan, Japan  
*"DRAM Scaling Challenges and Innovations for AI Era"*

**Tetsuo Sasaki**, Shizuoka University, Japan  
*"Terahertz Laser Spectrometer and its Applications Mainly for Pharmaceutical Industry"*

**Yasuhiko Ishikawa**, Toyohashi U. Tech., Japan  
*"Ge-based photodetectors and electro-absorption modulators in Si Photonics"*

**Koichi Kato**, Hiroshima University, Japan  
*"Micropatterned Chips for Stem Cell Characterization"*

**Kenya Shimada**, Hiroshima University, Japan  
*"Surface/interface Studies using Synchrotron Radiation"*

## Deadlines

**Poster Application:**  
**30th September, 2024**

**Registration:**  
**25th October, 2024**

## Organizers:

-Research Institute for Semiconductor Engineering (RISE), Hiroshima University

-Setouchi Semiconductor Consortium

## Venue:

Higashi Hiroshima Arts & Culture Hall Kurara(Higashi-Hiroshima, Hiroshima, Japan)

## Access:

JR Sanyo Main Line Saijo station, 4 min. walk



## Application and Contact

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