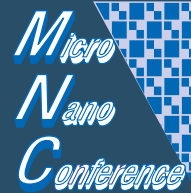


# MNC 2024



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The Japan Society  
of Applied Physics

WEB ADDRESS

<https://imnc.jp/2024/>

mnc



**November 12-15, 2024**

**Kyoto Brighton Hotel, Kyoto, Japan**

ABSTRACT DEADLINE

**July 1, 2024**

## OUTLINE

International Microprocesses and Nanotechnology Conference (MNC) is the flagship conference on micro-and nano-structure fabrication and related physics, material, and devices, along with EIPBN in USA and MNE in Europe. MNC also covers the related technologies like information, communication, bio, medicine, energy, and environmental control.

MNC has been hosted by the Japan Society of Applied Physics (JSAP) annually since 1988, which was started to provide a forum for discussing lithography science and process technology. While actively taking in new terrains which draw keen attention as next-generation technologies, MNC has grown to provide opportunities for fruitful exchange of information among researchers and technical experts as well as transmitting information to the world.

MNC has also played an important role in development of human resources particularly particularly in Asia. Young researchers can gain valuable experience in MNC

JSAP issues a special edition of Japanese Journal of Applied Physics (JJAP) as conference proceedings each time, which contributes to maintain the high academic level of the conference. Attention to the MNC has been growing.

## PLENARY

Yoshihisa Kagawa, Sony Semiconductor Solutions Corporation, Japan  
Others under appointment

## SCOPE

- 1: Lithography, Metrology and Related Technologies
  - 1-1: Advanced Lithography and Patterning
  - 1-2: Electron and Ion Beam Technologies
  - 1-3: Patterning Materials
- 2: Nanotechnology
  - 2-1: Nanocarbon & 2D Materials
  - 2-2: Nanodevices
  - 2-3: Nanofabrication
  - 2-4: Inorganic Nanomaterials
  - 2-5: Organic Nanomaterials
  - 2-6: Nano Surfaces, Interfaces, and Advanced Microscopy
- 3: Nanoimprint, Hybrid-NIL, Biomimetics, and Functional Surfaces
- 4: BioMEMS, Lab on a Chip, and Nanobiotechnology
- 5: Microsystem Technology and MEMS
- 6: Atomic Layer Processing (ALP)

## SYMPOSIUM

Symp. A: The Path to Sustainable Lithography  
Symp. B: Process and Device Technologies for Quantum Computing  
Symp. C: Innovative Technology to Regulate Living Body

## CONFERENCE CHAIRS

Organizing Chair:  
Toshiyuki Tsuchiya (Kyoto Univ.)  
Steering Chair:  
Takahiro Namazu (Kyoto Univ. of Advanced Sci.)  
Program Chair:  
Koji Asakawa (Kioxia)

## JJAP SPECIAL ISSUE

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## SECRETARIAT

Secretaryart Corporation  
E-mail: secretariat@imnc.jp