International Microprocesses and Nanotechnology Conference (MNC 2024)

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Title	International Microprocesses and Nanotechnology Conference (MNC 2024)
When	Di, 12. November 2024 - Fr, 15. November 2024

Description

37th - International Microprocesses and Nanotechnology Conference (MNC 2024)

Microprocesses and Nanotechnology play an important role of technical backbone for constructing the advanced information communications society with ubiquitous net works of the 21st century. The MNC conference is now in its 35th year and is intended to provide a forum for discussing lithography science and process technology using photon, electron, ion, other energetic particles and nanomaterials. This conference covers not only their applications to micro-and nano-structure fabrication and related physics and devices, but also their fusion applications with other fields like bio, medical information, and communication technology.

The Conference ist about following topics:

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: Nanocarbons & 2D Materials

2-2: Nanodevices

2-3: Nanofabrication

2-4: Inorganic Nanomaterials

2-5: Organic Nanomaterials

2-6: Nano Surfaces, Interfaces, and Advanced Nano Metrology

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)

Symp. A The Path to Sustainable Lithography (Tentative)

Symp. B Process and Device Technologies for Quantum Computing (Tentative)

Symp. C Innovative Technology to Regulate Living Body;

Learn more by visiting following website:

https://imnc.jp/2024/

Venue - Kyoto

Location	Kyoto
City	Kyoto
Country	JP