

IEEE-NEMS 2023

The 18th International Conference on
Nano/Micro Engineered and Molecular Systems

May 14(Sun.)-17(Wed.), 2023

Ramada Plaza Hotel Jeju, Jeju, South Korea

Only 4 days are left to submit abstracts for IEEE NEMS 2023

(Deadline: Jan. 21, 2023)

Only 4 days are left to submit your abstracts to the IEEE NEMS 2023, Jeju, Korea. Do not miss the submission deadline on Jan. 21, 2023 (23:59 KST).

IEEE NEMS 2023 invites all interested MEMS, nanotechnology, and molecular technology fields professionals and academics to submit papers for oral and poster presentations. We welcome you to contribute to the most up-to-date research and the latest developments from around the world.

Online Abstract Submission



Topics

- Energy Harvesting Materials & Devices
- Micro/Nano Electro-Mechanical Systems (M/NEMS)
- Micro/Nano-Photonics & Optical Devices
- Micro/Nano-Chemical Sensors
- Micro/Nano-Physical Sensors
- Micro/Nano-Composite Materials & Structures
- Micro/Nano-Fabrication Processes
- Micro/Nano-Actuators & Robotics
- Micro/Nano-Electronics
- Micro/Nano-Mechanics
- Micro/Nano-Bio Devices & Systems
- Functional Nanomaterials & Synthesis
- Micro/Nano-enabled Wearable Devices



Important Dates

Jan. 21, 2023

Abstract Submission Deadline

Feb. 28, 2023

Acceptance Notification

Mar. 31, 2023

Full Paper (optional) Submission Deadline

(*Only required to publish papers in Xplore)

Mar. 31, 2023

Early Registration Deadline

Call for Papers Download



Plenary Speakers

We are pleased to announce the strong and diverse plenary speaker line-up for IEEE NEMS 2023. The following visionary speakers will share their experiences and insights on the latest trends and developments in the field of MEMS, nanotechnology, and molecular technology.

Prof. L. Jay Guo
(University of Michigan, USA)

Prof. Zuankai Wang
(The Hong Kong Polytechnic University, Hong Kong)

Prof. Janos Vörös
(ETH Zurich, Switzerland)

Prof. Kilwon Cho
(POSTECH, Korea)

Prof. Peer Fischer
(Heidelberg University & Max Planck Institute for Medical Research, Germany)



► Scalable, intelligent, and sustainable nano manufacturing and applications



► Nature-Inspired Surfaces of Things (SOT)



► Molography, Force-controlled Nanopores and Bottom-up Neuro-science



► Surface-Directed Assembly of Organic Semiconductors for Organic Electronics



► Bioinspired Micro- and Nanorobotic Systems

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Exhibition

An extensive technical exhibition will take place during the three-day conference in the conference venue. The exhibition is expecting the participation of about 500 subscribers and over 15 companies from around the world and will offer optimal marketing opportunities for increased exposure and market expansion.

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Venue - Ramada Plaza Jeju Hotel, A Paradise Floating on the Sea



The Ramada Plaza Jeju Hotel, modeled after the Hohwa Cruise Ship, floats on the waterfront of Jeju Island. This floating hotel, the only one of its kind in Korea, is located on Jeju's Tabdong Coast and was established with a 100% investment by the Korea Teachers Credit Union.

The internationally renowned hotel brand RAMADA is introduced to raise hotel management and accommodation facilities to world class standards and thus satisfy worldwide business travelers and tourists. The beach is immediately accessible from the hotel, while Jeju International Airport is only a 5-minute drive away.

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Jeju, South Korea



Jeju is proud of its unique cultural folk heritage as well as its geographical and historical relevance. The island itself is an extinct volcano with its peak jutting skyward at the center and a broad, gentle littoral all the way around, a very unique geographical condition. There are bountiful forests and ravines, fantastic rock formations and volcanic craters, and caves and grasslands that together paint a natural scene of breathtaking beauty. Sparkling seas and tiny islets surround Jeju, with jutting rocks set amidst sandy beaches to create a magnificent view virtually everywhere you look. In June 2007, the volcanic island and lava tube cave systems were designated as UNESCO World Natural Heritage Sites for their natural beauty and geographical value. Jeju Island is not only Korea's most prestigious destination and top honeymoon location but also has been the venue for several joint political summit talks and other major international meetings. Click for more information on Jeju at <https://www.visitjeju.net/en>

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Organized by



The Society of
Micro and Nano Systems

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