

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

# IEEE NEMS 2023

May 14(Sun.)-17(Wed.), 2023, Ramada Plaza Hotel Jeju, Jeju, Korea

## Welcome Message

It is my great honor and pleasure to invite you to the 18th IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE NEMS 2023) to be held on May 14~17, 2023 at Ramada Plaza Hotel Jeju, Jeju, Korea.

The IEEE-NEMS 2023 is organized by the Society of Micro and Nano Systems and sponsored by the IEEE Nanotechnology Council (NTC) focusing on the promotion of advanced research areas related to MEMS, nanotechnology, and molecular technology.

IEEE NEMS 2023 is one of the most important conferences that bring our members together from around the world to share professional experiences, expand professional networks, and receive updates on the latest advances in the fields of MEMS, nanotechnology, and molecular technology.

This event will take place in Jeju Island where you can enjoy the wonders of nature and Korean cultural heritages. Jeju is one of the most popular and trendy tourist spots in Asia and you will surely find this island attractive. We have prepared social activities to support participants' interests with one another and relish the beauty of Jeju. I hope you will take part in this conference to broaden your horizon!

**Inkyu Park, Ph.D.**

General Chair of IEEE NEMS 2023

Professor, KAIST

## Important Dates

**Abstract Submission: Feb. 17, 2023**

Acceptance Notification: Mar. 22, 2023

Full Paper Submission (optional) Deadline: Apr. 21, 2023

Early Registration Deadline: Apr. 21, 2023

## 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

# IEEE NEMS 2023

## Organizing Committee

<b>General Chair</b>	<b>Inkyu Park</b> (KAIST, Korea)
<b>General Co-chairs</b>	<b>Sung Yang</b> (GIST, Korea) <b>Aaron Ohta</b> (University of Hawaii at Manoa, USA)
<b>Program Chair</b>	<b>Dong-weon Lee</b> (Chonnam National University, Korea)
<b>Program Co-chairs</b>	<b>Hoon Eui Jeong</b> (UNIST, Korea) <b>Xingye Yu</b> (City University of Hong Kong, Hong Kong) <b>Wibool Piyawattanametha</b> (King Mongkut's Institute of Technology, Thailand) <b>Pengcheng Xu</b> (SIMIT, China) <b>Hiroaki Onoe</b> (Keio University, Japan)
<b>Organizing Chair</b>	<b>Dukhyun Choi</b> (Sungkyunkwan University, Korea)
<b>Organizing Co-chairs</b>	<b>Jong G. Ok</b> (Seoul National University of Science and Technology, Korea) <b>Zong Hong Lin</b> (National Tsinghua University, Taiwan)
<b>Award Committee Chair</b>	<b>Eric Pei-Yu Chiou</b> (University of California at Los Angeles, USA)
<b>Promotion Chair</b>	<b>Hyoungsoo Kim</b> (KAIST, Korea)
<b>Publication Chair</b>	<b>Zhidong Wang</b> (Chiba Institute of Technology, Japan)

## Venue: Ramada Plaza Hotel Jeju

Located near the beautiful ocean at the center of Jeju city. The conference venue is a 5-star hotel with 400 guest rooms and suites and a convention room with a meeting capacity of 1200 people. This country's first costal hotel built right on the ocean is located just five minutes away from Jeju International Airport and Jeju Port.



## Visit Jeju, Korea in 2023!

Located in the southwest of the Korean Peninsula, Jeju Island is a popular tourist destination among domestic and international travelers alike for its beautiful and pristine natural scenery. Jeju Island is a unique place worldwide, holding the honors of the natural science area such as UNESCO World Biosphere Reserve [2002], UNESCO World Natural Heritage Site [2007] and UNESCO World Geoparks Network [2010].



## Access to Jeju

Jeju International Airport, the 2nd largest airport in South Korea, is located in the north of Jeju Island. Jeju International Airport easily connects Korea with the major cities of China, Japan, and other Southeast Asian countries, via a total of 29 direct flight routes (13 domestic and 16 international). There are three ways to fly to Jeju Island: by direct international flight, by transferring at either Incheon International Airport or Gimpo Airport to a domestic flight to Jeju.

## IEEE NEMS 2023 Secretariat

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