

# IEEE NMDC 2022

# IEEE Nanotechnology Materials and Devices Conference

[www.nmdc2022.org](http://www.nmdc2022.org)

NANJING, CHINA | OCTOBER 16-19, 2022

## About NMDC 2022

The IEEE Nanotechnology Materials and Devices Conference will be first time to held on-site in Mainland of China, on October 16-19, 2022 at the Holiday Inn Nanjing Qinhuai South, China. It will bring together key researchers from every sector in the nanotechnology research field, with a special focus on Materials and Devices. Conference papers will be published in IEEE Xplore after passing peer-review, with limited invitation for submission to IEEE Transactions on Nanotechnology or IEEE Nanotechnology Magazine. There will be special sessions for best posters, graph contest, young scientists, women in engineering and entrepreneurs.

## Renowned Scholars

### Honorary Chair

- Ru Huang (Southeast U, CAS Academician)

### Plenary Speakers (more...)

- Huiming Cheng (TBSI, CAS Academician)
- Ming Liu (Fudan U, CAS Academician)
- Ning Gu (Southeast U, CAS Academician)
- Jin-Woo Kim (U Arkansas, IEEE fellow)
- Zhihong Chen (Purdue, IEEE fellow)
- William King (UIUC, IEEE fellow)

## Advisory Committee

- Litao Sun (Southeast University, China)
- Rod Ruoff (Ulsan National Institute of Science and Technology, Korea)
- Lars Montelius (International Iberian Nanotechnology Laboratory, Portugal)
- Zhengming Sun (Southeast University, China)
- James Morris (Portland State University, USA)
- Lixin Dong (City University of Hong Kong, China)
- Guangyong Li (University of Pittsburgh, USA)
- Kremena Makasheva (CNRS, Laplace, France)
- Xiaoning Jiang (North Carolina State University, USA)
- Fabrizio Lombardi (Northeastern University, USA)
- Pingheng Tan (Institute Of Semiconductors, CAS, China)
- Manish Chhowalla (University of Cambridge, UK)
- Weibing Lu (Southeast University, China)
- Tianhong Cui (University of Minnesota Twin Cities, USA)
- Weida Hu (Shanghai Institute of Technical Physics, CAS, China)
- Peng Zhou (Fudan University, China)

## Organizing Committee

### General Chair

- Li Tao (Southeast University, China)

### Program Chair

- Xiaogan Liang (University of Michigan, USA)

### Conference Co-chairs

- Walter Hu (Sichuan University, China)
- Xinran Wang (Nanjing University, China)
- Cinzia Casiraghi (The University of Manchester, UK)

### Tech-support Chairs

- Ed Perkins (IEEE Nanotechnology Council, USA)
- Pradeep Misra (Wright State University, USA)

### Publicity Chair

- Jing Bai (Southeast University, China)

Sponsors



## Technical Topics

- Low-dimensional Materials & Devices
- Wearable & Printed Electronics
- Quantum and Information Technology
- Nanomedicine and Nano-healthcare
- Nanomaterials for Energy Applications
- Nanophotonics and Optoelectronics
- Post-Moore Micro/Nano-Electronics
- Nanofabrication and Nanomanufacturing
- Materials/Devices for Neuromorphic/IoT/AI
- MEMS/NEMS and Sensors
- Nanotechnology Entrepreneurs
- Nanotechnology Education

## Important Dates

Abstract Submission Deadline	June 20, 2022(extended)
Notification of Acceptance for Conference Presentations	August 1, 2022
Full Paper Submission Window	August 1 – September 1, 2022
Notification of Full Paper Acceptance	Two weeks since submission
Camera Ready & Early Bird Registration Deadline	July 30, 2022

## Conference Proceedings

Prospective authors are invited to submit high-quality papers reporting original results on above topics. Accepted papers will be published in **IEEE Xplore**, and selected papers will be invited to submit their extended version to **IEEE Transactions on Nanotechnology and/or IEEE Nanotechnology Magazine**.

## Submission Options

NMDC offers the following submission options for regular authors and invited speakers:

- Regular papers submission
- Invited presentation submission

Please submit the papers through:  
<https://nano.papercept.net/conferences/scripts/start.pl>



## Conference Venue

Holiday Inn Nanjing Qinhuai South  
Address: No.21 Mozhou East Road, Jiangning District, Nanjing, 211111, China

## Contact Us

### Conference Coordinators

Assoc. Prof. Qiushi RUAN

Southeast University, China  
Email: 101012703@seu.edu.cn  
Southeast University, China  
Email: yinkuibo@seu.edu.cn

Assoc. Prof. Kuibo YIN

### Conference Secretary

Ms. Frannie LI  
Email: nmdc2022@young.ac.cn

+86-13540032551  
+86-28-87555888