**15th IEEE Nanotechnology Materials and Devices Conference**

IEEE-NMDC will make its debut in mainland China on Oct.18-21, 2020 in Nanjing! It will bring together key researchers from every sector in the nanotechnology research field, with a special focus on Materials and Devices.

### Technical Topics

- Van der Waals Nano Materials
- 2D Micro/Nano Devices
- Wearable & Printed Electronics
- Quantum and Beyond Devices
- Nanoelectronic Materials
- MEMS/NEMS and Nanomechanics
- Optoelectronic or photonic Nanomaterials & devices
- Energy Nano Materials & Devices
- Emerging Nano Devices (Neuromorphic/AI/VR IoTs…)
- Nano-Biomedicine & Healthcare
- Nano Fabrication and Integration
- Intelligent Manufacturing
- Nano-Packaging & Passivation
- Nano Information Tech
- Nano Standards and Education Outreach

### Advisory Committee

**Tentative Plenary Speakers**

- Wei Huang, CAS Academician, NWPU (Honorary Chair)
- Ze Zhang, CAS Academician, ZJU
- Huiming Cheng, CAS Academician, TBSI
- Wanlin Guo, CAS Academician, NAUU
- Rod Ruoff, UNIST
- Lars Montelius, INL
- James Morris, IEEE-NTC President

**Organizing Committee**

- Litao Sun, SEU
- Ning Gu, Southeast U
- Tianhong Cui, UMN
- Haixia Zhang, PKU
- Xinran Wang, NJU
- Peng Zhou, Fudan
- General Chair
- Xiulan Li, UIUC
- Program Chair
- Xiaogan Liang, U Mich
- Li Tao, Southeast U
- Walter Hu, UT Dallas
- Cinzia Casiraghi, U Manchester

### Keynote Speakers

**Deji Akinwande, UT Austin**

- Feng Miao, NJU
- Yang Chai, HK Poly
- Tianling Ren, Tsinghua U
- Yifang Chen, Fudan
- Yi Shi, NJU
- M. Chhowalla, Cambridge
- Pingheng Tan, CAS-SEMI
- Lixin Dong, CUHK
- Fei Wei, Tsinghua U
- Aaron Franklin, Duke
- Han Wang, USC
- Weida Hu, CAS-SITP
- Simon Xiao, SCF Nanotech LTD
- Xiuling Li, UIUC
- Jianbin Xu, CUHK
- Minghui Lu, NJU
- Yumeng You, SEU
- Weibing Lu, SEU
- Haibo Zeng, NJUST

### Submission and Publication

Please submit your 1-page abstract or 4-page paper written in English with IEEE standards through EDAS:

[https://edas.info/N27278](https://edas.info/N27278)

For template and details please visit:


Conference papers passed peer-review will be published in IEEE Xplore. Authors of selected papers will be invited to submit their extended article version to: IEEE Transactions on Nanotechnology, and IEEE Nanotechnology Magazine.

### Important Date

- **Abstract Submission Deadline**: April 30, 2020
- **Full Paper Submission Deadline**: May 30, 2020
- **Notification of Acceptance**: July 15, 2020

### Award

Awards will be announced at the conference, in Best Student Paper/Poster, Young Scientist, Women In Engineering, and Graph Contest.

### Contact

**Conference Coordinator**

Assoc. Prof. Jing BAI, SEU
Email: baijing@seu.edu.cn

**Conference Secretary**

Ms. Frannie Li
Email: ieee_nmdc2020@young.ac.cn
Tel: +86-13540032551

**Venue**

International Conference Hotel Nanjing
No.2 Sifang Cheng, Xuanwu District Nanjing 210014 China

Please submit your 1-page abstract or 4-page paper written in English with IEEE standards through EDAS: [https://edas.info/N27278](https://edas.info/N27278)

For template and details please visit: [http://nmdc2020.org/sub_option.html](http://nmdc2020.org/sub_option.html)

Conference papers passed peer-review will be published in IEEE Xplore. Authors of selected papers will be invited to submit their extended article version to: IEEE Transactions on Nanotechnology, and IEEE Nanotechnology Magazine.

**15th Time in P. R. China**