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

Topics of interest include but not limited to:
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 NanoDevices (Neuromorphic/AI/VR IoTs…)
Nano-Biomedicine & Healthcare
Nano Fabrication and Integration
Intelligent Manufacturing
Nano-Packaging & Passivation
Nano Information Tech
Nano Standards and Education Outreach

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
For template and details please visit:
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.

Important Date

Abstract Submission Deadline April 30, 2020
Extended Abstract Deadline May 30, 2020
Early Bird Registration Deadline July 15, 2020

Award

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

Exhibitions

Exhibition of company products is solicited for the areas related to the topics. Interested parties please contact us.

Advisory Committee

Tentative Plenary Speakers

Wei Huang, CAS Academician, NWPU (Honorary Chair)
Ze Zhang, CAS Academician, ZJU
Huiming Chen, CAS Academician, TBSI
Wanlin Guo, CAS Academician, NAUU
Rod Ruoff, UNIST
Lars Montelius, INL
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Organizing Committee

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Tianhong Cui, UMN;
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Xiaogan Liang, U Mich, USA

Co-Chairs

Walter Hu, The University of Texas at Dallas, USA
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Keynote Speakers

Alphabetic order by surname

Deji Akinwande, UT Austin
Yi Shi, NJU
Yang Chai, HK Poly
Litao Sun, SEU
Yifang Chen, Fudan
Pingheng Tan, CAS-SEMI
M. Chhowalla, Cambridge
Xinran Wang, NJU
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Fei Wei, Tsinghua U
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Weida Hu, CAS-SITP
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Yumeng You, SEU
Minhui Lu, NJU
Haibo Zeng, NJUST
Weibing Lu, SEU
Feng Miao, NJU
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Venue

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