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IEEE-NEMS 2020
Postponed to September 27-30
IEEE NANO 2020
Abstract deadline extended to March 7 (final)

Editor's Note

This issue brings you the latest updates and activities in the IEEE-NTC community. I hope you enjoy this issue and do let us know if there is any topic you’d like to see covered in the future issue.

Jr-Hau He
City University of Hong Kong
EiC Newsletter & Web Content

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NTC News

Message from the 2020 IEEE
The first of what are intended to be regular messages from James (Jim) Morris, IEEE Nanotechnology Council (NTC) President for 2020/2021 has been posted on the NTC website and will appear in the IEEE Nanotechnology Magazine (INM.)

Morris credits Past-President Yonhua (Tommy) Tzeng with the dramatic expansion of IEEE “interest members” on social media, and identifies a means by which they can participate more fully in NTC activities, e.g. subscribe to INM, access reduced conference rates, etc., as affiliate members of NTC member societies. The recent increase in NTC chapters around the world is also highlighted, along with the major changes in INM and the introduction of the Open Journal of Nanotechnology.

To see the whole message, which also includes 2020 personnel changes, the list of NTC member societies, etc., click here.

James E. Morris, PhD, PE, LF-IEEE
IEEE Nanotechnology Council President 2020/2021
ieeenano.org

Distinguished Lecturers

The IEEE Nanotechnology Council is pleased to announce the appointments of Distinguished Lecturers for 2020.

The list is below; details can be found on the Distinguished Lecturers 2020 page.

DL Name: Oluwaseyi Balogun
Topic(s): Nanometrology, Nanothermometry, and Imaging of Low Dimensional Materials using Plasmonic Nanofocusing Approaches
DL Name: Reuven Gordon  
**Topic(s):** Nanoplasmonics: Reaching out to the Single Molecule

DL Name: Chengkuo Lee  
**Topic(s):** Toward 5G based AI + IoT (AIoT) Society Enabled by NanoEnergy-NanoSystem (NENS) Technology

DL Name: Zhang Li  
**Topic(s):** Magnetic Nanoparticle Swarm for Active Delivery

DL Name: P M (Markondeya Pulugurtha) Raj  
**Topic(s):** Nanoscale Components and System Integration

DL Name: Seiji Samukawa*  
**Topic(s):** Creating Green Nanostructures and Nanomaterials for Advanced Energy Nanodevices

DL Name: Subramanian Sankaranarayanan*  
**Topic(s):** Bridging the electronic, atomistic and mesoscopic scales in materials modeling using machine learning

DL Name: V. R. Singh*  
**Topic(s):** Nano-sensor technology with IoT; Advanced nanosensors and systems for u-health care; Nano-Cancer Technology: New Diagnostic and Therapeutic Devices

DL Name: Han Wang  
**Topic(s):** Black Phosphorus and Perovskite Chalcogenide Materials for mid-IR Detection and Imaging; Emerging Low Dimensional Material Electronic Devices for Memory and Computing

DL Name: Qing Zhang  
**Topic(s):** Roles of Semiconductor Junctions in Mechanical-Electrical Power Conversion

*Re-appointment for second year.

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**Chapters & Regional Interest Groups**

The IEEE NTC is expanding worldwide through the addition of new chapters to
now total 29. Most recently chapters were added in the Chengdu Section, Romania Section as well as a Hungary/Romania EDS/Nano joint chapter. So far two chapters have been added in 2020 following the addition of five chapters in 2019, two chapters in 2018 and seven in 2017.

Student chapters have grown to now total 13 with new student chapters being added recently at Univ Nacional De Colombia Sede Bogota in the Colombia Section, the Adi Shankara Institute of Engineering & Technology in the Kerala Section and at the Tulas Institute in the Uttar Pradesh Section. So far two chapters have been added in 2020 following the addition of five chapters in 2019.

More are in the petition path towards becoming chapters in sections in other areas of Australia, Italy and India. The NTC leadership has been cooperating in this growth emphasis by locating and encouraging contacts in their networks to initiate formation petitions. It is imperative to sustain these efforts and to follow up with previous contacts. Also reviving the inactive chapters in Seoul and Pittsburg may be worthwhile efforts.

To see a list of our established Chapters or interested in forming one, click here for more details.

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**Publications**

**Table of Content**

**IEEE Transactions on Nanotechnology**

View the full current issue of IEEE T-NANO

**TNANO, Volume 19, Issue 1**

For additional information, visit the IEEE Xplore website.

**IEEE Open Journal of Nanotechnology**

View the full current issue of IEEE OJ-NANO

**OJNANO, Volume 1, Issue 1**
For additional information, visit the IEEE Xplore website.

To submit to OJ-NANO, please visit http://ieee-oj-nano.org/.

IEEE Nanotechnology Magazine

View the full current issue of IEEE INM INM, Volume, 14, Number 1

For additional information, visit the IEEE Xplore website.

To subscribe to our publications, click here.

Conferences

Flagship Conference
IEEE NANO 2020
July 29-31, 2020 | Montreal, Canada

Abstract Submission Deadline Extended: March 7, 2020
For Sponsors and Exhibitors Opportunities, click here.
More info
IEEE-NEMS 2020
September 27-30, 2020 | San Diego, USA

In light of the COVID-19 coronavirus outbreak, the IEEE-NEMS 2020, originally scheduled for April 20-24, 2020, has been postponed to **September 27-30, 2020**. New details regarding the rescheduled conference will be announced soon.

More info

MARSS
International Conference on Manipulation, Automation and Robotics at Small Scales

MARSS 2020
July 13-17, 2020 | Toronto, Canada

Short Paper Submission Deadline: May 15, 2020

More info
IEEE NMDC 2020
October 18-21, 2020 | Nanjing, China

Abstract Submission Deadline: April 30, 2020
More info

IEEE 3M-NANO 2020
August 3-7, 2020 | Xi’an, China

Full Paper Submission Deadline: May 1, 2020
More info

For details on the 2020 NTC conferences, click here.