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IEEE Nanotechnology Council Newsletter | March 2020



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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

Interested in joining the NTC community for free? **JOIN NOW**

NTC News

Message from the 2020 IEEE

Nanotechnology Council President



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.*

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.

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](#).

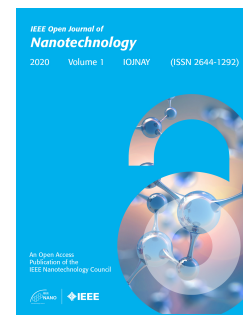
IEEE Open Journal of Nanotechnology

View the full current issue of IEEE OJ-NANO

OJNANO, Volume 1, Issue 1

For additional information,
visit the [IEEE Xplore website](http://ieeexplore.ieee.org).

To submit to OJ-NANO,
please visit <http://iee-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](http://ieeexplore.ieee.org).

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

The 15th IEEE International Conference on Nano/Micro Engineered & Molecular Systems

20-24 April 2020
San Diego, USA



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



Toronto, Canada
July 13–17, 2020

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](#).

