

[View this email in your browser](#)



## IEEE Nanotechnology Council Conference Update | May 2019



### **In This Update**

IEEE-NANO 2019  
IEEE NMDC 2019  
IEEE-NANOMED 2019  
IEEE 3M-NANO 2019  
MARSS-19

Call for  
Nominations: EiC INM  
Search for EiC: IEEE  
TNB

### **Keep Up With Us**



## IEEE NMDC 2019 - Call for Papers



The 14th IEEE Nanotechnology Materials and Devices Conference (IEEE NMDC 2019) will be held in Stockholm, Sweden on October 27 - 30 2019. The Call for Papers is now open at the conference home page: <https://www.nmdc2019.conf.kth.se/>

### **The deadline for abstracts is June 15.**

IEEE Nanotechnology Council's NMDC 2019 conference 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*. Authors of selected papers will be invited to submit their extended article version to: *IEEE Transactions on Nanotechnology*. Best paper awards will be given in several categories at the conference banquet, to be held at the "Vasa museum" (17th-century ship). Special sessions on focused or "hot" topics may be

suggested. For a list of suggested topics see conference home page.

The program will be intensive over the three days and so far 7 plenary speakers and 25 invited speakers have been confirmed, see homepage. A reception at the Town Hall of Stockholm is also included (in the hall of the Nobel dinner).

## Call for Papers

### Main Technical Areas

- Nanoelectronics and CMOS
- Nanophotonics, Metamaterials and Plasmonics
- Low-D Structures: Nanowires, Quantum Dots
- 2D Materials and Devices
- Quantum Technology
- Nano-Magnetic Structures and Devices
- Organic Nanomaterials and Devices
- NEMS/MEMS and Sensors
- Biosensing and Biomedical Applications
- Interconnects, Packaging and Reliability
- Synthesis and Fabrication of Nanostructures
- Theory/Modelling of Nanomaterials & Devices
- Emerging Topics

### Plenary Speakers

- Luisa Torsi, University of Bari, Italy
- Heike Riel, IBM Research, Switzerland
- Albert Polman, AMOLF, the Netherlands Chennupati Jagadish, Australian National Univ. Alex Zunger, University of Colorado, USA Silvano de Franceschi, CEA-INAC, France
- Lars Berglund, KTH-Royal Inst. of Techn., Sweden

### Organizing Committee at KTH:

General Chair: Jan Linnros

Program Chair: Ilya Sychugov

Publication Chair: Apurba Dev

Financial Chair: Saulius

Marcinkevicius

Local Arrangements: Anders Hallén

Sponsor/Ex. Chair: Gunnar

Landgren

Publicity Chair: Max Yan

## Important Dates

### Abstract Deadline:

June 15, 2019

### Session Proposals:

June 1, 2019

### Authors Notification:

July 15, 2019

### Full Paper

### Submission:

September 10, 2019

### Early Registration:

September 10, 2019

### Conference Dates:

October 27-30, 2019



**Venue:** The Brewery  
Conference Centre  
Stockholm



For more information, visit: <https://www.nmdc2019.conf.kth.se/>

## IEEE-NANO 2019



### LAST CALL - for PRESENTATIONS ONLY

We cordially invite you to the 19th IEEE International Conference on Nanotechnology (IEEE-NANO 2019) to be held at the Parisian Macao hotel in Macau, China, **July 22 – 26, 2019.**

The regular contributed paper submissions to the conference were closed on March 25, 2019. If you have missed the deadline but still have to attend the conference, you can submit your paper/abstract as a *presentation without seeking publication submission*. Please directly visit here for your submission: <http://nano.paperecept.net/conferences/scripts/start.pl>

Presentation without seeking publication submission is created for those who want to give a presentation at the conference either orally or by poster but without intention to publish their work in the conference proceedings. The submission deadline for the presentation without seeking publication is May 30, 2019.

**General Chair:** Lianqing Liu (Shenyang Institute of Automation, CAS, China)

**Program Chair:** Guangyong Li (University of Pittsburgh)

### IEEE NANO 2019 - TNANO Special Issue

The "Letters" Section (i.e., maximum of 4 pages of manuscript) in the *IEEE Transactions on Nanotechnology* (TNANO) will devote a themed issue on "Nanomechanics and Nanomanipulation of Low-Dimensional Nanomaterials" to a collection of papers reflecting a more focused scope of the IEEE-NANO 2019 conference, especially highlighting research and

technology development in the field of electronic and electrical engineering, M/NEMS, micro/nanofabrication, nanomechanical sensors and actuators, micro/nanorobotics, and 1D/2D nanomaterials' mechanical behavior and deformation mechanism. We are accepting submissions only from authors who have submitted abstracts for review to the conference and invited speakers including Invited Sessions, Keynote, and Plenary Speakers. Authors whose abstract has been accepted by the conference and will submit full paper for IEEE *Xplore* Database inclusion MUST significantly expand and improve the previous conference version to contain substantially new technical results for consideration of this Special Issue.

(Please refer to the information in the following website for IEEE TNANO regulations: <http://sites.ieee.org/tnano/author-info/>.)

### Important Dates:

Deadline for presentation without publication submission: May 30, 2019

Deadline for final submission: May 30, 2019

Deadline for early bird registration: June 15, 2019

For more information, visit: <http://2019.ieeenano.org/>

## IEEE-NANOMED 2019 - Call for Papers



**JOIN US IN**

**Kimdaejeung Convention Center, Gwangju, Korea**

Web: <http://ieee-nanomed.org/2019/>

The 13th IEEE International Conference on Nano/Molecular Medicine & Engineering (IEEE-NANOMED 2019) will be held from November 21 to 24, 2019 in Gwangju, Korea. The conference is one of the premier annual events organized by the IEEE Nanotechnology Council



(NTC), dedicated to provide a forum to discuss the latest developments in all areas of the Nano/Molecular Medicine & Engineering.

## Get Call for Papers

### Conference topics include:

- Nano and molecular technologies in medical theranostics
- Nanotechnology in drug delivery
- Biomedical imaging
- Bio/Nano sensing
- Biochips and Bio-MEMS
- Biomechatronics
- Biological interface Cells at the nanoscale
- Frontiers in nanobiotechnology
- Translational medicine

### Special Issues

Papers presented at the IEEE-NANOMED 2019 will be selected to publish in special issues of peer-reviewed NTC sponsored journals: *IEEE Transactions on Nanotechnology* (IF 2.857), *IEEE Transactions on NanoBioscience* (IF 2.158) & *IEEE Nanotechnology Magazine*.

We are delighted to bring the IEEE-NANOMED 2019 to Korea and look forward to welcoming you to Gwangju in November 2019!

### Important Dates

**Two-Page Abstract Deadline (both Oral & Poster):** July 15, 2019

**Best paper competition:** A full paper (4 to 6 pages) is required by July 15, 2019 to enter best paper contests.

**Notification of Acceptance:** August 15, 2019

**Full-Paper Submission Deadline:** September 15, 2019

(Only required to publish papers in *Xplore*)

**Early Bird Registration:** September 15, 2019

Submit online at <http://ieee-nanomed.org/2019/>

General Chair: Jin-Woo KIM, Univ. of Arkansas, USA

General co-Chair: Yong Yeon JEONG, Chonnam Nat'l Univ. Medical School, Korea

For more information, visit: <http://ieee-nanomed.org/2019/>

# IEEE 3M-NANO 2019 - Call for Papers



**3M-NANO** - the annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale; will be held on 4-8 August 2019 in Zhenjiang, China. The ultimate ambition of this conference series is to bridge the gap between nanosciences and engineering sciences, aiming at technology opportunities and new markets. The advanced technologies for manipulation, manufacturing and measurement at nanoscale promise novel revolutionary products and methods in numerous areas of application.

Scientists working in research fields related to 3M-NANO topics are invited to submit papers. All accepted full papers (presented at the conference and following IEEE format) will be submitted in IEEE *Xplore* database and Ei Compendex. Selected papers will be recommended for publication in the *IEEE Trans. on Automation Science & Engineering*, *Int. J of Nanomanufacturing*, *IFAC Mechatronics*, *Int. J of Optomechatronics*, *J of Micro-Bio Robotics*, *Journal of Bionic Engineering*, *Light (Science & Applications)*, *Optics and Precision Engineering* and other SCI/Ei journals.

**Get Call for Papers**

## Important Dates

**Full paper submission:** June 1, 2019

**Proposals for special sessions (5-6 papers):** June 1, 2019

**Notification of acceptance:** June 15, 2019

**Final paper submission:** July 15, 2019

**Advanced registration:** July 15, 2019

**Registration for accepted papers:** July 15, 2019

For more information, visit: <http://3m-nano.org/2019/>

---

## MARSS-19 - Call for Short Papers

**MARSS**

International Conference on Manipulation,  
Automation and Robotics at Small Scales

**Helsinki, Finland****July 1 – 5, 2019**

The 4th International Conference on Manipulation, Automation and Robotics at Small Scales (MARSS) is held from 1 - 5 July 2019 in Helsinki, Finland. The conference is the flagship forum for cross-disciplinary R&D communities related to manipulation and automation (incl. measurement and characterization) at micro/nano scales as well as to all kinds of small scale robots and their applications.

We cordially invite you to attend and contribute to the conference. The conference offers several Keynote talks, about 12-15 plenary talks and parallel technical sessions (oral presentations only). For registration, visit <https://marss-conference.org/registration/>.

**Important Dates:**

**Short paper submission (1-3 pages):** May 15, 2019 (no extension possible)

**Conference Dates:** July 1-5, 2019

We look forward to meeting you in Helsinki!

General Chairs: Quan Zhou (FI) and Pasi Kallio (FI)

Program Chairs: Just Herder (NL), Ronald Pelrine (US), and Yuen Kuan Yong (AU)

*MARSS2019 is technically sponsored by the IEEE Robotics & Automation Society and the IEEE Nanotechnology Council.*

For more information, visit: <http://marss-conference.org/>

---

## Call for Nominations: Editor-in-Chief of IEEE Nanotechnology Magazine

The IEEE Nanotechnology Council (NTC) invites nominations for the position of Editor-in-Chief for IEEE *Nanotechnology Magazine* (INM). The Editor-in-Chief appointment is for a 2-year term (renewable twice) starting January 1, 2020.

The IEEE *Nanotechnology Magazine* was launched in 2007 to provide leading edge information on all aspects of nanotechnology including theory, analysis, design, implementation, and applications related to creation of materials, devices, structures, etc. With a focus on multi- and interdisciplinary communication in the state of the art in the field of nanotechnology, the magazine covers new research and developments toward a broad audience, tutorials, and surveys in the field of nanotechnology in addition to industry news, research news, education

news, policy news, opinion pieces, book reviews, updates on people, introduction to new tools and techniques, funding and meetings news, patent summary, and commercialization.

To submit a nomination see: <https://ieeenano.org/call-for-nominations-editor-in-chief-of-ieee-nanotechnology-magazine/>.

## Search for Editor-in-Chief: IEEE Transactions on Nanobioscience

The IEEE Engineering in Medicine and Biology Society (EMBS), IEEE Nanotechnology Council (NTC), and IEEE Robotics and Automation Society (RAS) are undertaking a search for Editor-In-Chief for the IEEE *Transactions on Nanobioscience* (TNB).

TNB reports on original, innovative and interdisciplinary work on all aspects of molecular systems, cellular systems, and tissues (including molecular electronics). Topics covered in the journal focus on a broad spectrum of aspects, both on foundations and on applications. Specifically, methods and techniques, experimental aspects, design and implementation, instrumentation and laboratory equipment, clinical aspects, hardware and software data acquisition and analysis and computer based modelling are covered (based on traditional or high performance computing – parallel computers or computer networks).

The Editor-in-Chief position is for a three-year term and is renewable for an additional three years. The term of appointment will start January 2020. At the time of appointment, the successful applicant must be a member of the IEEE EMBS. The Editor-in-Chief reports to a Steering Committee with representatives from EMBS, NTC, and RAS.

To submit a nomination see: <https://ieeenano.org/search-for-editor-in-chief-ieee-transactions-on-nanobioscience/>.

*Copyright © 2019 IEEE Nanotechnology Council, All rights reserved.*