

IEEE NANO 2016

Call for papers

16th INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY
22 – 25 AUGUST 2016 | SENDAI (JAPAN)



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GENERAL CONFERENCE INFO

IEEE NANO is one of the largest nanotechnology conferences in the world, directly hosted by the IEEE Nanotechnology Council. It is a must for students, educators, researchers, scientists and engineers engaged in a wide range of nanotechnology fields and related applications, including electronic materials, photonics, biotechnology, medicine, alternative energy, environment and electronic devices. Since its first round on Maui Island, Hawaii, in 2001, IEEE NANO has been held annually in rotation between North America, Europe, and the Asia Pacific region. This is the 16th edition of the flagship annual event to be held in Sendai, and the second in Japan some 11 years since it first took place in Nagoya in 2005.

TECHNICAL AREAS

- Nano/bio-medicine
- Nano-bio-systems
- Nanoelectronics: Devices-SET, RTD, QD, Molecular, Memoristors
- Nanoelectronics: Circuits and Architecture
- Nanoelectronics: Graphene, CNT, and NWs
- Green Nanotechnology
- Nano-energy, Environmental sensor, Nano-materials safety, Piezo electric and Thermoelectric devices
- Nanofabrication
- Nanomanipulation
- Nanomaterials: Characterization and Applications
- Nanomaterials: Nanomaterial/nanoparticles synthesis
- Nanophotonics and Plasmonics
- Nanorobotics and Nanoassembly
- Nanosensors and Actuators
- NEMS and Micro-to-nano-scale Bridging
- Simulation and Modeling of Nanostructures and Nanodevices
- Spintronics
- Nanomaterials and Nanostructures, Nanoassemblies and Devices
- Nanopackaging
- 2D Atomic Crystal Materials
- Applications to Micro/Nano Manipulation
- Nanomanufacturing
- Rising Starts in Nanoelectronics and Microfluidics
- Flexure-Based Micro/nano Manipulators
- Neuromorphic Cognitive Systems with Nanotechnology (Organized by IBM)
- Nanomanufacturing Process and System (Organized by Tokyo Electron Limited)

PLENARY SPEAKERS

Hideo Ohno

Research Institute of Electrical Communication, Tohoku University, Japan

Heike E. Riel

IBM Fellow and Director Physical Sciences Department, IBM Research, Switzerland

Mau-Chung Frank Chang

President, National Chiao Tung University, Taiwan

Yuko Harayama

Executive Member, Council for Science, Technology and Innovation, Cabinet Office, Government of Japan

Thomas M. Conte

Schools of Computer Science and Electrical & Computer Engineering, Georgia Institute of Technology and 2015 IEEE Computer Society President

Jesper Glückstad

Professor, Department of Photonics Engineering, Technical University of Denmark

EXHIBITS

During the Conference, an exhibition of software, hardware, equipment, materials, services and literature is planned. This will be an excellent opportunity for companies to present their latest developments to a world-wide public of researchers and engineers. Interested vendors/ exhibitors are welcome to make your booking. The information for exhibitors appear on the web site.

IMPORTANT DATES

Abstract Submission Deadline	March 7, 2016 March 31, 2016 [EXTENDED]
Notification of Acceptance Date	April 22, 2016 May 31, 2016 [EXTENDED]
Full Paper Submission Deadline	June 22, 2016
Early Registration Deadline	June 22, 2016
Conference Start	August 22, 2016

We invite you to submit papers to IEEE NANO 2016 (<http://www.ieeenano2016.org/>).