IEEE OMN 2016

2016 International Conference on Optical MEMS and Nanophotonics
31 July-04 August 2016, Singapore

OMN 2016

CALL FOR PAPERS

Optical MEMS and nanophotonic technologies enable the miniaturization and ultra-miniaturization of photonic devices and systems/sub-systems that promise to deliver new and enhanced capabilities for internet of things (IoT); physical, chemical and bio-sensing; optical storage and communication; medical instruments and healthcare, optical imaging and displays.

OMN 2016 welcomes original papers in the following areas:

Optical MEMS:

- Adaptive and tunable optics
- Biomedical micro-optical devices
- Biochemical sensors
- Device fabrication technologies
- Metamaterials
- Microactuators for optical devices
- Micro-optical systems for imaging
- Microphotonics
- Microscopies
- Optical energy harvesting
- Optical materials and thin film materials
- Optical micro- and nano-cavities
- Optical sensors
- Optical scanners and micromirrors
- Opto-fluidic devices
- Opto-mechanics
- Packaging and integration
- Telecommunications devices
- THz MEMS
- Tunable micro- and nano-devices
- Tunable spectral filters

Nanophotonics:

- Nano-biophotonics
- Nanoplasmonics and metamaterials
- Nanoscale functional materials
- Nanofabrication, characterization, modeling and simulation
- Nanophotonics for displays
- Nanophotonics for optical storage
- Nanoscale sources and emission
- Nanoscale waveguide devices
- Nanowires and nanoparticle photonic devices
- Other nano-materials and devices
- Tunable nano-optical and nanophotonic devices
- Photonic crystals
- Silicon photonics
- Quantum optical and quantum dot devices

The conference will be held in Singapore from *31 July-04 August 2016* and will be hosted by the National University of Singapore.

General Chair: Chengkuo LEE (National University of Singapore, Singapore)
Optical MEMS Program Chair: Eiji HIGURASHI (The University of Tokyo, Japan)
Nanophotonics Program Chair: Guangya ZHOU (National University of Singapore, Singapore)

Paper Submission Deadline: 25 April 2016