



Optical MEMS and Nanophotonics 2010

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www.conferences.jp/opticalmems_nanophotonics_2010

General Chair

Hiroshi Toshiyoshi, The University of Tokyo

The 2010 International Conference on Optical MEMS & Nanophotonics will bring together the latest technical advancement in the field of optical micro and nano systems. Specifically, the conference features the growing fields at the intersection of optical micro-electro-mechanical systems and nanophotonic devices and systems. Integration and miniaturization of photonic and optical MEMS components and systems towards micro- and nano-scale for various applications will be the main theme of the conference.

Topics in the area of Optical MEMS

- Adaptive and Tunable Optics
- Biomedical Devices
- Biochemical Sensors
- Device Fabrication Technologies
- Materials
- Microscopies
- Modeling and Characterization
- Optical Energy
- Optical Micro- and Nano-Cavities
- Optical Sensors Over Wide Wavelength Range
- Optical Scanners and Micromirrors
- Opto-Fluidic Devices
- Packaging and Integration
- Telecommunications
- Tunable Spectral Filters
- Tunable Micro- and Nano-devices

Topics in the area of Nanophotonics

- Plasmonics and Metamaterials
- Photonic Crystals
- Silicon Photonics
- Quantum Dot Devices
- Nanoscale Waveguide Devices
- Nanowires and Nanoparticle Photonic Devices
- Nano-Biophotonics
- Nanoscale Sources and Emission
- Nanophotonics for Displays
- Nanophotonics for Optical Storage
- Nanoscale Functional Materials
- Nanofabrication and Characterization
- Modeling and Simulation
- Other Nano-Materials and Devices

Sapporo

The fifth-largest city in Japan, Sapporo is on the Japan's northernmost island, Hokkaido, the showcase of stunning natural landscape extending over scenic coastal areas, dramatic mountain ranges and the mysterious lakes and volcanoes. August is the best season to visit the city known for low humidity in summer. Conveniently situated close to the city of Sapporo, New Chitose Airport (CTS) has regular international flights from Seoul, Hong Kong, Taipei, Shanghai, Beijing and Guam, as well as connecting flights via Japan's main international airports at Narita, Nagoya, and Kansai.

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