Call for paper

Optical MEMS and Nanophotonics

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Optical MEMS and Nanophotonics technologies are advancing rapidly with vigorous research and development in academic, government and industrial laboratories around the world. Already contributing in many commercial technology sectors, Optical MEMS and Nanophotonics devices promise to deliver unprecedented capabilities for imaging, display, optical communications, sensing and fundamental science advances in the future.

Topics

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

Optical MEMS:

Actuators, Adaptive and Tunable Optics, Biomedical Devices, Biochemical Sensors, Device Fabrication Technologies, Microscopies, Modeling and Characterization, Optical Energy, Optical materials and thin film materials, 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

Co-sponsored: Sensors and Micromachines Society, The Institute of Electrical Engineers of Japan

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The Study Group of the Integrated MEMS in The Japan Society of Applied Physics,
The Laser Society of Japan,
The Japan Society for Precision Engineering,
Optoelectronics Industry and Technology Development Association,
The Institute of Electronics, Information and Communication Engineers,
Japan Institute of Electronics Packaging,
The Robotics Society of Japan,
Micro-Nano Science and Technology Division in The Japan Society of Mechanical Engineers

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