OMN2014
International Conference on Optical MEMS and Nanophotonics
Glasgow, Scotland

University of Strathclyde Engineering

2014 International Conference on Optical MEMS and Nanophotonics
17-21 August 2014, Glasgow, Scotland

CALL FOR PAPERS

Optical MEMS and Nanophotonic technologies enable the miniaturization of optical components, systems and photonic devices that promise to deliver new and enhanced capabilities to optical communications; optical sensors - physical, chemical and bio-sensors; optical storage; optical imaging and displays.

The 2014 International Conference on Optical MEMS and Nanophotonics will be held in Glasgow, Scotland from 17 August - 21 August 2014. The conference scope will include the latest advances in fundamental and applied research on micro-optical and nanophotonic devices and systems; the latest improvements in materials and process technologies relevant to optical MEMS and nanophotonics; and the latest progress in the applications of optical MEMS and nanophotonic devices and systems. Original papers are sought in the following areas:

Optical MEMS: Adaptive and tunable optics; biomedical micro-optical devices; biochemical sensors; device fabrication technologies; microactuators for optical devices; micro-optical systems for imaging and display; microphotonics; microscopies; modeling and characterization; optical energy harvesting; optical materials and thin film materials; optical micro- and nano-cavities, optical sensors over wide wavelength range; optical scanners and micromirrors; opto-fluidic devices; opto-mechanics, packaging and integration; telecommunications devices; 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.

General Chair: Deepak Uttamchandani (University of Strathclyde, Glasgow, UK)
Optical MEMS Program Chair: Andreas Seifert (IMTEK, University of Freiburg, Germany)
Nanophotonics Program Chair: Aaron Danner (National University of Singapore, Singapore)

IMPORTANT DATES

Deadline for submission of Papers: ~~Thursday 17 April 2014~~ **extended to Wednesday 30 April 2014**
Notification of Acceptance: ~~Friday 16 May 2014~~ **Friday 23 May 2014**
Accepted papers presented at the conference will be submitted for inclusion in IEEE Xplore

PAPER SUBMISSION PROCESS

All contributed papers must be submitted via the "Paper Submission" tab on the conference web page
http://www.omn2014.org

IEEE photonics SOCIETY

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