Call for Papers

Announcing an Issue of the IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS on

Optical Micro- and Nano-Systems

Submission Deadline: October 1, 2014
Hard Copy Publication: July/August 2015

The IEEE Journal of Selected Topics in Quantum Electronics (JSTQE) invites manuscript submissions in the area of Optical Micro- and Nano-Systems. Optical Micro- and Nano-Systems (OMNS) promise to deliver new capabilities in applications including optical communications, optical sensors, optical storage, optical imaging and displays. This issue will cover the latest advances in OMNS ranging from basic research and new concepts through to novel and cutting-edge applications. Original papers are solicited in (but not limited to) the following areas.

Optical Micro-Systems and Devices: adaptive micro-optical systems; biomedical micro-optical systems; microactuators for optical devices; micro-optical systems for imaging and display; microphotonicics; modeling and characterization; new fabrication and assembly technologies; optical micro- and nano-cavities, optical sensors over wide wavelength range; optical scanners and micromirrors; opto-fluidic devices and systems; opto-mechanics and optical MEMS, packaging and integration; optical communications devices; tunable micro-devices; tunable spectral filters.

Optical Nano-Systems and Devices: high efficiency light-harvesting materials and devices; integrated silicon photonics; metamaterial based devices and systems; nanophotonic devices; nanostructures, nanowaveguides and nanoantennas for optical wavelengths; nanofabrication and self-assembly; nanotube and nanowires based devices and systems; near-field optics and systems; nano-optomechanical devices and systems; photonic crystal devices and systems; quantum dot and low-dimensional structures and systems; quantum optic and spintronic devices and systems.

The Primary Guest Editor for this issue is Deepak Uttamchandani, University of Strathclyde, U.K. The Guest Editors are Joyce Poon, University of Toronto, Canada, Marc Sorel, University of Glasgow, U.K., and Hiroshi Toshiyoshi, University of Tokyo, Japan.

Unedited preprints of accepted manuscripts are normally posted online on IEEE Xplore within 1 week of the final files being uploaded by the author(s) on ScholarOne Manuscripts. Posted preprints have digital object identifiers (DOIs) assigned to them and are fully citable. Once available, final copy-edited and XML-tagged versions of manuscripts replace the preprints on IEEE Xplore. This usually occurs well before the hardcopy publication date. These final versions have article numbers assigned to them to accelerate the online publication; the same article numbers are used for the print versions of JSTQE.

For inquiries, please contact:
IEEE Photonics Society JSTQE Editorial Office - Chin Tan Lutz (Phone: 732-465-5813, Email: c.tanlutz@ieee.org)

For more information, please visit the JSTQE website at: www.ieee.org/jstqe.

The following documents are required during the mandatory online submission at: http://mc.manuscriptcentral.com/jstqe-pho.

1) PDF or MS Word manuscript (double column format, up to 12 pages for an invited paper, up to 8 pages for a contributed paper). Manuscripts over the standard page limit will have an over-length charge of $220.00 per page imposed. Biographies of all authors are mandatory, photographs are optional. See the Tools for Authors link: www.ieee.org/web/publications/authors/transjnl/index.html.

2) MS Word document with full contact information for all authors as indicated below:

For inquiries, please contact:
IEEE Photonics Society JSTQE Editorial Office - Chin Tan Lutz (Phone: 732-465-5813, Email: c.tanlutz@ieee.org)

The following documents are required during the mandatory online submission at: http://mc.manuscriptcentral.com/jstqe-pho.

1) PDF or MS Word manuscript (double column format, up to 12 pages for an invited paper, up to 8 pages for a contributed paper). Manuscripts over the standard page limit will have an over-length charge of $220.00 per page imposed. Biographies of all authors are mandatory, photographs are optional. See the Tools for Authors link: www.ieee.org/web/publications/authors/transjnl/index.html.

2) MS Word document with full contact information for all authors as indicated below:

Unedited preprints of accepted manuscripts are normally posted online on IEEE Xplore within 1 week of the final files being uploaded by the author(s) on ScholarOne Manuscripts. Posted preprints have digital object identifiers (DOIs) assigned to them and are fully citable. Once available, final copy-edited and XML-tagged versions of manuscripts replace the preprints on IEEE Xplore. This usually occurs well before the hardcopy publication date. These final versions have article numbers assigned to them to accelerate the online publication; the same article numbers are used for the print versions of JSTQE.

For inquiries, please contact:
IEEE Photonics Society JSTQE Editorial Office - Chin Tan Lutz (Phone: 732-465-5813, Email: c.tanlutz@ieee.org)

The following documents are required during the mandatory online submission at: http://mc.manuscriptcentral.com/jstqe-pho.

1) PDF or MS Word manuscript (double column format, up to 12 pages for an invited paper, up to 8 pages for a contributed paper). Manuscripts over the standard page limit will have an over-length charge of $220.00 per page imposed. Biographies of all authors are mandatory, photographs are optional. See the Tools for Authors link: www.ieee.org/web/publications/authors/transjnl/index.html.

2) MS Word document with full contact information for all authors as indicated below:

Last name (Family name), First name, Suffix (Dr./Prof./Ms./Mr.), Affiliation, Department, Address, Telephone, Facsimile, Email.

JSTQE uses the iThenticate software to detect instances of overlapping and similar text in submitted manuscripts and previously published papers. Authors should ensure that relevant previously published papers are cited and that instances of similarity are justified by clearly stating the distinction between a submitted paper and previous publications.