Preliminary Call for Papers

Announcing an Issue of the IEEE

JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS on

Nanobiophotonics

Submission Deadline: October 1, 2015
Hard Copy Publication: July/August 2016

The IEEE Journal of Selected Topics in Quantum Electronics (JSTQE) invites manuscript submissions in the area of Nanobiophotonics. The purpose of this issue of JSTQE is to highlight the recent progress and trends in the development of leading-edge nanobiophotonics technologies. Areas of interest include (but are not limited to):

- Ultrahigh-resolution nanoimaging and nanoscopy beyond the diffraction limit in the nanoscale range
- In-vivo cellular/molecular nanobiophotonics imaging and sensing
- Single molecule spectroscopy and imaging
- Plasmonic, quantum-dot and nanoparticle biosensor probes
- Nanoparticle-enhanced optical diagnostics and therapeutics
- Advanced nanobiophotonics for cancer imaging and brain mapping
- Nonlinear ultrahigh-resolution imaging and diagnostics
- Optical manipulation of nanoparticles
- Novel nanobiomaterials engineered for photonics applications
- Noninvasive photonics methods for characterizing nanobiomaterials
- Biocompatibility and phototoxicity of novel nanobiomaterials
- Lab-on-chip based nanobiophotonics systems

The Primary Guest Editor for this issue is Yu Chen, University of Maryland, USA. The Guest Editors of this issue: TBA.

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, the preprints are replaced by final copy-edited and XML-tagged versions of manuscripts 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 J STQE 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 overlength 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.