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Call for Papers

Announcing an Issue of the IEEE

JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS on
Fiber Lasers

Submission Deadline: August 1, 2017

Hard Copy Publication: May/June 2018

The IEEE Journal of Selected Topics in Quantum Electronics (JSTQE) invites manuscript submissions in the area of Fiber Lasers. Fiber lasers are increasingly becoming the light source of choice for a large range of scientific and industrial applications thanks to their inherent technological advantages. The purpose of this issue of JSTQE is to present the state-of-the-art in this field through a collection of original and invited papers ranging from fundamental physics to applications. This special issue will be solely devoted to the most recent developments in fiber laser technology and will serve as a universal resource for future development. The scope of the issue covers all aspects of theoretical and experimental fiber laser research including:

- Fiber design and fabrication
- Fiber-processing techniques
- Laser architectures and pumping methods
- Advances in fiber laser characterization methodologies
- Nonlinear dynamics of fiber lasers
- Ultra high power fiber lasers
- Beam combination of fiber lasers
- Ultrafast fiber sources
- Fiber frequency comb sources
- Fiber supercontinuum sources
- Photonic crystal fibers and lasers
- Fiber laser pumped frequency conversion schemes
- Fiber laser pulse compression and few-cycle sources
- Ultra narrow-linewidth and wavelength tunable fiber lasers.

The Primary Guest Editor for this issue is **Zhipei Sun**, Aalto University, Finland. The Guest Editors are **Shibin Jiang**, AdValue Photonics, USA; **Amos Martinez**, Aston University, UK; **Dingyuan Tang**, Nanyang Technological University, Singapore; and **John Travers**, Heriot-Watt University, UK.

The deadline for submission of manuscripts is **August 1, 2017**. Hardcopy publication of the issue is scheduled for **May/June 2018**.

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For inquiries, please contact:

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

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