

Special Issue

The Emerging Science and Applications of Fiber Laser Technology

Message from the Guest Editors

Until now, various kinds of fiber lasers have been proposed for several applications. These technologies are of vital importance for the investigation of various kinds of fiber lasers and their wide applications. We welcome both original research papers and review papers of but are not limited, to the following areas of study:

- Fiber lasers operating in various wavebands, including 1.0 μm , 1.5 μm , 2.0 μm and above;
- New mechanisms in fiber lasers, including power amplification, linewidth narrowing, wavelength tuning and so on;
- Various applications of fiber lasers in scientific research, including optical imaging, material processing, high precision sensing, optical fiber communication, spectroscopy, microwave generation, laser medical and so on;
- Application of fiber lasers in industry, including cutting, welding, marking and so on;
- Mode-locked fiber laser, wavelength tunable and switchable fiber laser and so on;
- Design and fabrication of various fibers used for emerging science and applications of fiber laser.

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Guest Editors

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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