Special Issue

Optical Fiber Lasers: Advances in Design, Fabrication and Applications

Message from the Guest Editors

Fiber lasers have rapidly developed in recent decades, offering benefits such as high power, high energy, narrow pulse width, narrow linewidth, and wide wavelength, among others. They have contributed to significant progress in the fields of communication, precision measurement, sensing, laser surgery, laser biophotonics, and additive and subtractive manufacturing, to name a few, due to their excellent conversion efficiency, size, heat dissipation, and other characteristics. This Special Issue welcomes submissions on optical fiber lasers, including advances in design, fabrication, and applications. Topics of interest include, but are not limited to, the following:

- Ultrafast lasers;
- Mode-locked/Q-switched fiber lasers;
- Fiber laser design;
- High-power lasers;
- Mid-infrared fiber laser;
- Narrow-linewidth fiber lasers;
- Tunable fiber lasers;
- Rare-earth doping;
- Photonic crystal fibers;
- Laser cutting/welding;
- Medical laser systems;
- Laser processing.

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Deadline for manuscript submissions

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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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