Special Issue

Advanced Fiber Laser Technology and Its Application: 2nd Edition

Message from the Guest Editors

This Special Issue welcomes manuscripts with originality that focus on the investigation and application of various kinds of optical fiber lasers. All manuscripts related to theoretical investigation, numerical simulation, and experimental exploration are welcome. Topics include, but are not limited to, the following:

- High-performance components that are of vital importance for optical fiber lasers;
- Optical fiber laser operating at different wavebands, such as 1.0, 1.31, 1.55, 1.7, and 2.0;
- Optical fiber laser with different operation modes, such as single-frequency, pulsed, and high power;
- Principles, methods, and techniques for improving the performance of optical fiber lasers;
- Engineering application technology for optical fiber laser;
- Advances and reviews of optical fiber lasers;
- Intelligent equipment system related to optical fiber laser;
- Application of optical fiber laser, such as industrial processing, laser medicine, and optical sensing;
- Applications of laser technology in LiDAR, machine vision, SLAM, robotics, and industrial sensing;
- Applications of automatic target recognition and decision analysis
- Applications of millimeter-wave imaging technology and systems.

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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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