Special Issue

Recent Advances in Fiber Laser Technology

Message from the Guest Editor

This Special Issue aims to introduce the recent advances in fiber laser technology. The topics of this Special Issue mainly cover the journal scope of nonlinear and ultrafast optics. Explicitly, papers relating to novel mode-locking techniques, fiber laser noise characterization and reduction techniques, high energy femtosecond pulse generation and amplification, fiber supercontinuum and their applications and biological window-covered tunable femtosecond fiber lasers are all welcome. Research areas may include, but are not limited to the following:

- Novel mode-locked fiber lasers;
- Low-noise fiber lasers;
- Dual-comb fiber laser technique;
- Fiber laser-based optical frequency combs and their applications;
- Noise characterization and reduction in fiber laser system;
- Advanced high energy, femtosecond fiber laser system design and development;
- New energy scaling techniques in pulsed fiber lasers;
- Multi-core and multimode fiber lasers;
- Novel Mid-IR and visible fiber lasers;
- Tunable fiber lasers;
- Fiber supercontinuum and their applications;
- High-efficiency fiber laser-based nonlinear conversion techniques.

Guest Editor

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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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