Special Issue

New Advances in Ultrashort Pulse Fiber Lasers and Their Applications

Message from the Guest Editors

This Special Issue aims to collect the latest advances in both theoretical and experimental research of ultrashort pulse fiber lasers and recent developments in their applications. Authors are invited to submit their recent research results in all fiber laser types working in ultrashort pulse fiber lasers and the application innovations of ultrashort pulse fiber lasers. All theoretical, numerical, and experimental papers are welcomed. The topics of this Special Issue include the following:

- Ultrashort pulse fiber lasers, including single- and multi-wavelength operations, wavelength-switching, pulse suppression, and optical field modulation;
- Ultrashort pulse fiber lasers, including special intensity-modulation techniques, new materials used as saturable absorbers for ultrashort pulse fiber lasers, and high-pulse energy or high-peak power pulse laser output;
- Nonlinear dynamic properties in pulsed fiber lasers, and dynamic properties of optical solutions in ultrashort pulse fiber lasers;
- Ultra-broadband/ultra-short laser generation and amplification;
- High average-power laser technology.

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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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