

Special Issue

Recent Progress in Ultrafast Laser

Message from the Guest Editors

Recent progress in ultrafast lasers has greatly improved the accuracy and effectiveness of precision machining, measurement and other industrial technologies. It has also extended to emergent fields such as optical frequency comb and attosecond optics. To further boost the impact of this exciting and rapidly evolving field, we encourage the submission of new contributions with novel results and research solutions for a new Special Issue entitled “Recent Progress in Ultrafast Laser”.

Topics of interest for this Special Issue include, but are not limited to, the following:

- Ultrafast lasers and applications;
- Mode-locked lasers;
- Optical solitons;
- High-energy ultrashort pulse generation and amplification;
- Nonlinear optics;
- Ultrafast photonic devices;
- Attosecond optics;
- Optical signal processing;
- Ultrafast phenomenon and dynamics.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2025)



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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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