

## Special Issue

# GHz Ultrafast Lasers and Optical Frequency Combs

### Message from the Guest Editor

The development of GHz high-repetition rate ultrafast lasers has been driven by the introduction of GHz optical frequency combs (OFCs) and their application in, for example, the next generation of material processing, the high-speed optical communication systems, dual-comb spectroscopy, precise measurement. After nearly two decades, there are still some problems within this kind of laser, such as issues related to pulse-formation processing and long-term stability, which are still being solved or not yet resolved. Now, we are excited to invite you to contribute to origin and review articles on GHz ultrafast lasers and optical frequency combs, consisting of mechanism exploration, experimental results, developments of OFCs, and related application involved such laser/OFC sources. The submission deadline for abstracts is 30 September, 2024.

### Guest Editor

Dr. Huihui Cheng

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### Deadline for manuscript submissions

closed (30 September 2024)



## Photonics

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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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### Editor-in-Chief

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