Special Issue

Femtosecond Laser and Its Applications

Message from the Guest Editor

This Special Issue invites manuscripts that document the recent advances in “Femtosecond Laser and Its Applications”. Femtosecond lasers have an ultrashort irradiation period of about 10-12-10-15s. The intensities of femtosecond lasers can easily exceed 1012Wcm−2. Because of their ultrashort irradiation periods and ultrahigh intensities, femtosecond laser pulses in some aspects fundamentally change the laser–material interaction mechanisms compared with long laser pulses, which has created wide-ranging and exciting new applications. This Special Issue aims to highlight recent advances in femtosecond lasers and their applications in femtosecond laser devices, femtosecond laser fabrication, and femtosecond laser–material interactions.

Guest Editor

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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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