Special Issue

Latest Advances in Applications of Laser-Matter Interactions

Message from the Guest Editor

A huge number of scientific papers have been devoted to the investigation of different kinds of laser-matter interaction processes. This Special Issue focuses on the most recent advances and applications in the study of laser-matter interaction processes, such as laser-induced damage, plasma formation, phase transitions, micro- and macro-processing, laser-induced chemical reactions at gas-solid and liquid-solid interfaces, etc.

Researchers are invited to submit their contributions to this Special Issue. Topics include, but are not limited to:

- Exciton-polaritons in micro-cavities.
- Quantum fluids of light.
- Terahertz generation and detection.
- Radiation processes in solid-state plasmas.
- Optical response of metamaterials.

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2022)

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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.

Editor-in-Chief

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