Special Issue

New Perspectives in Laser Nonlinearity: Phenomena, Theory, and Breakthroughs

Message from the Guest Editors

This special issue aims to provide a premier platform for researchers worldwide to present their latest findings and perspectives. We solicit high-quality submissions spanning the full spectrum of nonlinear optics, from fundamental theories to groundbreaking applications. Key topics of interest include: material (such as 2D materials, thin film, meta-materials) nonlinearities and their applications, novel nonlinear phenomena, nonlinearity in quantum optics, advances in nonlinear optics theory and methods, and the nonlinear properties with structured light, *etc.*

We cordially invite original research articles and reviews that contribute to this vital and rapidly evolving area of research. Topics include, but are not limited to:

- material (such as 2D materials, thin film, meta-materials) nonlinearities and their applications
- novel nonlinear phenomena
- nonlinearity in quantum optics
- advances in nonlinear optics theory and methods
- nonlinear properties with structured light

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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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