

Special Issue

Advances and Application of Optical Manipulation

Message from the Guest Editors

Optical manipulation utilizes optical forces to handle mesoscopic objects with sizes ranging from the microscale to the nanoscale, as well as to provide tools to bridge the chasm between the macroscopic world and microscopic systems in disciplines including biology, physics, chemistry, aerography, etc. This Special Issue aims at presenting original state-of-the-art research articles and reviews dealing with optical manipulation in a broad sense, with a special emphasis on its combination with structured light engineering. Research areas include, but are not limited to:

- Optical manipulation
- Nanophotonics
- Optical tweezers
- Structured light
- Nanostructures
- Biophotonics
- Holography
- Nonlinear and ultrafast optics
- Photon–electron–phonon interaction in nanostructures
- Semiconductor photonics and optoelectronics

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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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