

Special Issue

Micro-Nano Optics and High-End Measurement Instruments

Message from the Guest Editors

Micro-nano optics generally refers to the introduction of micro- and nano-optical structures into related materials to create new optical functional devices. The structure design and fabrication is a key issue in the development of micro-nano optics. It can realize many new functions on the basis of local electromagnetic interaction of micro- and nano-optical structures. It has played a significant role in many fields, such as optical communication, optical interconnection, optical storage, semiconductor devices, and so on. This Special Issue aims to present original state-of-the-art research articles focused on the design, manufacture, and application of micro-nano-optical devices, as well as the development and application of high-end measurement instruments related to micro-nano manufacturing.

Topics include but are not limited to:

- Nanotechnology and nanostructures in optics
- Metamaterials in optics or microwave
- Nanophotonics
- Micro- and nano-measurement technology
- Laser measurement technology and instruments
- Modern optical technology and instruments for precision and ultraprecision measurement
- 3D nanostructure measurement

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2022)



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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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