

Special Issue

New Perspectives in Optical Design

Message from the Guest Editors

The field of optical design has seen significant advancements in recent years, driven by the increasing demand for high-performance optical systems in various applications. New materials, fabrication techniques, and computational tools are enabling researchers to explore novel approaches to optical design that have the potential to revolutionize the field. This Special Issue showcases the latest research and developments in optical design, highlighting innovative concepts, methodologies, and applications. Key areas covered in this Special Issue include advanced materials, coatings and process technology for optical components, computational methods and algorithms for optical design, integrated optics and photonic devices, and novel optical systems and applications, etc. We invite papers that include but are not exclusive to the following topics: optical design, machine learning, opto-mechanical design, optical imaging-based measurement and detection, design and optimization of optical meta-surface. Both theoretical and experimental studies are welcome, as are comprehensive review and survey papers.

Guest Editors

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Dr. Ci Song

Dr. Shuo Qiao

Deadline for manuscript submissions

closed (31 December 2024)



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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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