

## Special Issue

# Optical Components: Science and Applications

### Message from the Guest Editors

The rapid advancements in photonics have catalyzed the development of innovative optical components, which are essential for enabling a wide range of groundbreaking applications across science, technology, and industry. These innovations are leading to the creation of smaller, more efficient, and highly versatile optical components with enhanced capabilities that are specifically designed to meet the evolving demands of modern photonics. This Special Issue is dedicated to the latest advances in the field of optical components. The contributions span a wide range of topics, including the design and fabrication of novel optical components and their integration into cutting-edge scientific and technological applications. Topics of interest include, but are not limited to, the following areas:

- Computer-generated holography;
- Spatial light modulators;
- Design methodologies of optical components;
- Phase retrieval and inverse design strategies;
- Fabrication techniques of novel components;
- Flat optics;
- Quantum nanophotonics;
- Integrated optics.

### Guest Editors

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### Deadline for manuscript submissions

17 September 2026



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Impact Factor 1.9  
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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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