Special Issue

Latest Advances in Optical Diffraction, Imaging and Display

Message from the Guest Editors

The recent advances in the field of optical diffraction, imaging, and display have led to a remarkable evolution in optics and photonics, driven by the increasing demand for precise and efficient light modulation and emission in various applications, e.g., holography, imaging, laser beam shaping, optical communications, virtual reality and augmented reality, etc. This Special Issue invites you to present state-of-the-art articles on theoretical insights, experimental breakthroughs, and exciting applications in diffraction optics, imaging, and display. Topics include, but are not limited to, the following:

- Diffraction optical elements (DOEs);
- Meta-surfaces for imaging and display;
- Virtual reality and augmented reality;
- Nano-photonics and nanolithography;
- Holography and Fourier optics;
- Metamaterials;
- Light scattering;
- Phase modulation and laser beam shaping;
- Wavefront sensing;
- Optical microscopy; differential interference contrast (DIC) microscope;
- Coherent diffraction imaging/phase contrast imaging/computational imaging.

Guest Editors

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Deadline for manuscript submissions

20 September 2025

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Photonics

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CiteScore 3.5

mdpi.com/si/207814

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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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