Special Issue

Advanced Optoelectronic Systems

Message from the Guest Editors

Advanced optoelectronic systems are an essential and fascinating field situated at the intersection of optics, electronics, and material science. Research in this field involves the study, design, and application of devices and systems for acquiring information from the world around us. With developments in manufacturing and artificial intelligence technology, high-performance, ultra-compact, and intelligent optoelectronic systems have become more prominent in modern optical engineering. For this Special Issue, "Advanced Optoelectronic Systems", we invite you to contribute your cutting-edge research in this field. Topics of interest include but are not limited to the following:

- Computational optoelectronic system design;
- Optoelectronic system design with AI;
- Optical system design with metalens;
- Optoelectronic system for sensing;
- Adaptive optoelectronic system;
- Multispectral detection optoelectronic system.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

30 September 2026

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an Open Access Journal by MDPI

Impact Factor 1.9
CiteScore 3.5

mdpi.com/si/259695

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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.

Editor-in-Chief

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