

Special Issue

Advances in Optical Field Modulation Techniques and Applications

Message from the Guest Editors

We are delighted to announce the call for papers for our forthcoming Special Issue of *Photonics*, “Advances in Optical Field Modulation Techniques and Applications”. Structured light, with its multiple dimensions and degrees of freedom, has proven to be a potent tool in various applications, opening up vast possibilities for innovation and applications. Optical coherence and polarization manipulation are at the forefront of research in optics, offering extensive capabilities in multi-dimensional information encoding, transfer, storage, and communications. This Special Issue will discuss the latest advances in coherence and polarization manipulating, measurement, propagation, and applications, and the subsequent development of new light-field manipulation principles and effective solutions to address various challenges in practical applications for partially coherent beams and polarization beams. We invite researchers, academics, and industry professionals to contribute their insights and findings to this Special Issue, fostering collaboration and knowledge exchange in this exciting area of study. Looking forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



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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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