

## Special Issue

# Computational Imaging: Photonics and Optical Applications

### Message from the Guest Editors

Computational imaging has emerged as a powerful paradigm in vision, photonics, and optical applications, revolutionizing the way we acquire, process, and interpret visual information. By integrating innovative optical designs with advanced computational algorithms, this interdisciplinary field enables high-performance/high-quality imaging across diverse domains such as biomedical imaging, remote sensing, and machine vision. The rapid advancement of photonics technologies, coupled with growing demands for high-quality, intelligent imaging solutions, continues to drive progress in this area. This Special Issue aims to showcase cutting-edge research at the intersection of computational imaging, vision, photonics, and optical applications. We welcome original research articles, including theoretical studies, experimental demonstrations, and novel algorithmic developments. Review articles that provide comprehensive overviews of the state of the art in computational imaging within the scope of vision, photonics, and optical applications are also highly encouraged.

### Guest Editors

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### Deadline for manuscript submissions

30 June 2026



## Photonics

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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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