

Special Issue

Holographic Information Processing, 2nd Edition

Message from the Guest Editors

Building on the success of the first Special Issue on [Holographic Information Processing](#), which resulted in the publication of 13 high-quality articles, and recognizing the significant potential for further contributions in this field, we have decided to organize a second Special Issue on this topic. This Special Issue focuses on research into digital holography. We call for research papers in the areas of coherent and incoherent digital holography, optical scanning holography, holographic displays, holographic cryptography, polarization holography, holography system design, and holographic information processing in general. Research manuscripts using machine learning, deep learning, and other artificial intelligence approaches for holographic information processing are especially welcomed, with both fundamental and applied research studies being suitable for this Special Issue.

Guest Editors

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Dr. Wen-Jing Zhou

Dr. Hongbo Zhang

Prof. Dr. Ting-Chung Poon

Deadline for manuscript submissions

31 December 2026



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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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