

Special Issue

Technologies and Applications of Digital Holography

Message from the Guest Editor

This Special Issue aims to present a coverage of innovative research, development and application in digital holography. We are excited to invite researchers to submit their contributions to this Special Issue. Topics of interest include, but are not limited to, the following:

- Digital holographic microscopy;
- Digital holographic reconstruction;
- Digital holographic tomography;
- Digital holographic biomedical applications;
- Digital holographic material applications;
- Digital holographic polarization imaging;
- Digital holographic sound field imaging;
- Digital holographic imaging through scattering media;
- Digital holographic image encryption;
- Quantitative phase imaging;
- Measurement and industrial detection applications;
- Multimodal imaging based on digital holography;
- Incoherent digital holography;
- Super-resolution digital holography;
- Digital holography-based near/far field imaging;
- Deep learning for digital holography;
- Compressive holography;
- Emerging applications of digital holography.

Guest Editor

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Deadline for manuscript submissions

closed (20 March 2024)



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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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