

Special Issue

Holography

Message from the Guest Editor

There has been a renewed interest in holography for augmented reality and vehicle head up display. New waveguide combiner configurations using holographic edge-lit holograms are extremely promising for these applications. This has driven new research on holographic recording material, holographic optical elements, surface relief grating, and many more. In addition, the dream of creating a true holographic television is still alive and well with research around the globe aiming to solve the vergence accommodation conflict. In this Special Issue, we accept papers on, but not limited to, the following topics: - Holographic display and integral imaging

- Holography for augmented reality
- Holography for head up display
- Holographic recording material
- Computer-generated holography
- Holography in industrial sensing and inspection
- Optical scanning holography
- Holographic microscopy
- Digital holography, algorithm and hardware acceleration
- Novel holographic application
- Holographic tomography
- Infrared, terahertz, or X-ray holography
- Plasmonic holography
- Spatial light modulators for holography
- Quantum holography
- Holography for optical computing

Guest Editor

Prof. Dr. Pierre-Alexandre Blanche
College of Optical Sciences, University of Arizona, 1630 E. University Blvd., Tucson, AZ 85721, USA

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Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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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.

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Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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