

Special Issue

Emerging Topics in Structured Light

Message from the Guest Editors

This Special Issue aims at presenting an overview of cutting-edge research vision, results, and applications of structured light techniques including Gray-coding structured light, fringe projection profilometry, 3D polarization imaging, deflectometry, etc. We welcome broad, visionary contributions of short research reports as well as collections of reviews of accomplishments. We are excited to invite researchers to submit their contributions to this Special Issue. Topics include but are not limited to:

- Structured light in optical metrology;
- Structured light in 3D imaging;
- Structured-light-based sensing technique;
- Structured light in fault diagnosis;
- Structured light in intelligent driving control;
- Structured-light-based fabrication technique;
- Structured-light technique based on artificial intelligence;
- Structured-light technology integrated with multi-modal data;
- Structured-light-based extreme technology
- Metasurface-based structured-light technique;
- Structured-light-based and fringe-based structural dynamic measurement;

Guest Editors

Dr. Yongjia Xu

Prof. Dr. Jianfeng Zhong

Dr. Zhenqi Niu

Deadline for manuscript submissions

closed (31 March 2024)



Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



mdpi.com/si/174991

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

[mdpi.com/journal/
photonics](https://mdpi.com/journal/photonics)





Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



[mdpi.com/journal/
photonics](https://mdpi.com/journal/photonics)



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.

Editor-in-Chief

Prof. Dr. Nelson Tansu

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q2 (Instrumentation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).