

# 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;

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### Guest Editors

Dr. Yongjia Xu  
Prof. Dr. Jianfeng Zhong  
Dr. Zhenqi Niu

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### Deadline for manuscript submissions

closed (31 March 2024)



## Photonics

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*Photonics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[photonics@mdpi.com](mailto:photonics@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Nelson Tansu

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

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