

## Special Issue

# Free-Space Optical Communication and Networking Technology

### Message from the Guest Editor

This Special Issue aims to foster discussions on the related technologies of FSOCs, enabling researchers to gain a better understanding of the objectives that promote the advancement of FSOC technology. We welcome high-quality submissions related, but not limited, to the following topics:

- Present and future optical wireless communication terminals, systems and links;
- Atmospheric propagation, transmission effects and compensation techniques;
- Adaptive optics, modulation, demodulation, coding and decoding technologies;
- Advanced optical signal processing technologies;
- Optical communication ad hoc networks and network topologies;
- Visible-light and underwater optical communication technologies.

Researchers are encouraged to submit complete unpublished papers with their contributions, exploring emerging technologies toward optical wireless communication.

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### Guest Editor

Prof. Dr. Zhi Liu

National and Local Joint Engineering Research Center of Space Optoelectronics Technology, Changchun University of Science and Technology, Changchun 130022, China

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### Deadline for manuscript submissions

20 December 2025



## Photonics

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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

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