Special Issue

Advances in Free-Space Optical Communications

Message from the Guest Editors

Free space optical communication (FSOC) has been successfully demonstrated on the satellites, aircrafts, ships and vehicles, which is considered a promising solution for next-generation wireless communications. However, enormous scientific and technological challenges for FSOC still remain, such as reliable communication in the random media, robust tracking in the dynamics condition, novel architecture for FSOC network, and so on. Therefore, we are thrilled to introduce Special Issue: Advances in Free-Space Optical Communications. It serves as a platform for scholars and experts to exchange ideas, share breakthroughs, and establish cooperation to promote the FSOC cutting-edge technology. The scope of this Special Issue spans a wide horizon, including but not limited to the following facets

- free space optical communication
- acquisition, tracking and pointing
- laser propagation
- adaptive optics
- free space optical network

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Deadline for manuscript submissions

30 September 2025

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Impact Factor 1.9
CiteScore 3.5

mdpi.com/si/213259

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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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