

## Exploring Cutting-Edge Technologies and Applications of Optics and Photonics

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue is related to the conference “The 1st International Online Conference on Photonics (IOCP 2024)”, which will be held from 14 to 16 October 2024 (<https://sciforum.net/event/IOCP2024>). This e-conference will be hosted on sciforum.net, an online platform developed by MDPI for scholarly exchange and collaboration.

During the event, a large number of excellent contributions covering key areas of opportunity and challenge will be presented. More specifically, the following areas will be covered:

- Biophotonics and biomedical optics;
- Optical communication and networks;
- Optoelectronics and optical materials;
- Lasers, light sources, and sensors;
- Optical interaction science;
- Quantum photonics and technologies;
- Data-science-based techniques in photonics;
- New applications enabled by photonics technologies and systems.

IOCP 2024 participants, as well as all researchers working in the field, are invited to contribute original research papers or reviews to this Special Issue of *Photonics*.

We look forward to receiving your contributions.

Prof. Dr. Francesco Prudeniano

Prof. Dr. Huabei Jiang

Dr. Maurizio Ferrari



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# Special Issue



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## Message from the Editor-in-Chief

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