

Special Issue

Advances on Applications of Optics and Photonics— Selected Papers from the 7th International Conference on Applications of Optics and Photonics, AOP2026

Message from the Guest Editors

This Issue will contain a selection of papers submitted and accepted at AOP2026. Its main scope is to provide a timely and broad collection of the most innovative topics discussed at the latest edition of the conference related to applications optics and photonics. We warmly invite researchers to submit their contributions, both original research articles and review papers, to this Special Issue. Topics include, but are not limited to, the following:

- Nano-photonics;
- Plasmonics;
- Theoretical optics, quantum and nonlinear optics;
- Optical communications and sensors;
- Optical fibers and applications;
- Biophotonics and biomedical and medical applications of optics and photonics;
- Ultrafast lasers and ultrafast optics;
- Power lasers;
- Optical metrology, image processing and industrial applications;
- Optometry, ophthalmic optics, color and visual sciences;
- Optoelectronics;
- Microwave photonics;
- Photonics and optical instrumentation for space and astronomy;
- Optics and photonics for smart mobility and smart cities.

Guest Editors

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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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