

Special Issue

Optical Measurement Systems, 2nd Edition

Message from the Guest Editors

The last decade has seen the vast development of optical measurement systems, advanced technologies that leverage the properties of light to achieve precise measurements of various physical quantities. These systems typically consist of light sources, detectors, modulators, processors and other sensors devices, and they are integral to various applications, from laser and quantum optics to industrial quality control and medical diagnostics. To further boost the impact of this exciting and rapidly evolving research area, this Special Issue intends to garner contributions from leading experts in the field, fostering effective solutions for the future challenges in optical measurement systems. Topics of this Special Issue include, but are not limited to, the following:

- Optical measurement;
- Laser technology;
- Quantum optics;
- Precision measurement;
- Instrumentation and metrology;
- Phase measurement;
- Photonic devices for sensing and measurements;
- Computational optical measurement;
- Industrial applications;
- Medical diagnostics.

Guest Editors

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Deadline for manuscript submissions

15 July 2025



Photonics

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Impact Factor 2.1
CiteScore 3.5



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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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