

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

Prof. Dr. Zhenmin Zhu

Prof. Dr. Fumin Zhang

Prof. Dr. Wei Feng

Deadline for manuscript submissions

15 July 2025



Photonics

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 2.6



mdpi.com/si/220437

Photonics

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

[mdpi.com/journal/
photonics](https://mdpi.com/journal/photonics)





Photonics

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 2.6



[mdpi.com/journal/
photonics](https://mdpi.com/journal/photonics)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Nelson Tansu
School of Electrical and Electronic Engineering (EEE), The University of
Adelaide, Adelaide, SA 5005, Australia

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec,
CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Optics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 14.9 days after
submission; acceptance to publication is undertaken in 1.9
days (median values for papers published in this journal in
the second half of 2024).