Special Issue

Advancements in Optical Measurement Techniques and Applications

Message from the Guest Editors

Optical measurement techniques have become increasingly important in various scientific and industrial fields due to their high precision, non-invasive nature, and ability to provide real-time data. Recent advancements have significantly enhanced their accuracy and broadened their range of applications, making them indispensable in industries such as manufacturing, guality control, and medical device production. The development of these technologies is inherently multidisciplinary, involving optics, mechanics, materials science, electronics, and computer science, This Special Issue aims to explore the latest innovations and applications in optical measurement, highlighting their impact on modern technology and industry. This Special Issue aims to publish selected contributions on "Advancements in Optical Measurement Techniques and Applications."

Guest Editors

Dr. Yuping Ye

Guangdong-Hong Kong-Macao Joint Laboratory of Human-Machine Intelligence-Synergy Systems, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, Shenzhen, China

Dr. Juan Zhao

Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen, China

Deadline for manuscript submissions

15 November 2025



Photonics

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 3.5



mdpi.com/si/214684

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

mdpi.com/journal/

photonics





Photonics

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 3.5



photonics



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.

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, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q2 (Instrumentation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).