

Special Issue

Advanced Lasers and Their Applications

Message from the Guest Editors

Advanced lasers are highly precise and powerful devices that produce focused beams of light with specific wavelengths and characteristics, which have a wide range of applications and are critical components in many modern technologies. As research and development in laser technology continues, new applications and uses are likely to emerge, such as laser surgery, optic communications, scientific research, remote sensing, laser displays, and so on. We are inviting both research articles and review papers related to this fascinating topic. Further information can be found on the Special Issue website. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Fiber lasers;
- All-solid-state lasers;
- Semiconductor lasers;
- Mode-locking;
- Mirco/micro fabrication;
- Laser imaging;
- Optical sensor.

We look forward to receiving your contributions.

Guest Editors

Dr. Song Yang

Dr. Yao-Yao Qi

Dr. Chao-Jian He

Deadline for manuscript submissions

closed (31 January 2024)



Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



mdpi.com/si/175541

Photonics
Editorial Office
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 1.9
CiteScore 3.5



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