

Special Issue

Photonic Sensors

Message from the Guest Editors

The field of photonic sensors has undergone tremendous growth and advancement in recent years. Photonic sensors offer a number of metrics, such as small size, high sensitivity, low cost and immunity to electromagnetic interference, and geometric versatility, which can handle arbitrary shapes. In this Special Issue on “Photonic Sensors”, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Micro- and nano-structured fiber sensors;
- Distributed and multiplexed sensing and sensor networking;
- Interferometric, polarimetric, and laser-based sensors;
- Physical, mechanical, and electromagnetic sensors;
- Chemical, environmental, biological, and medical sensors and biophotonics;
- New elements, effects, technologies and materials for photonic sensing;
- Integrated photonics, cavity opto-mechanics and quantum sensing techniques, precision metrology, and frequency combs.

Guest Editors

Dr. Danqi Feng

Key Laboratory of Optoelectronic Technology & Systems (Ministry of Education), Chongqing University, Chongqing 400044, China

Dr. Li Kai

College of Military Engineering, Naval University of Engineering, No.717 Jiefang Avenue, Qiaokou District, Wuhan 430030, China

Deadline for manuscript submissions

closed (31 October 2023)



Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



mdpi.com/si/167734

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 15 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 2025).