Special Issue Optical Sensing

Message from the Guest Editors

Optical sensing plays a vital role in the large family of sensing applications, and has witnessed rapid progress in diverse aspects, ranging, for example, from fundamental theory/simulation studies to practical sensing applications, from in vitro to in vivo, from bulky optical solid-state devices to microscopic optical molecular probes/reporters, etc. Aiming to bring researchers in the optical sensing field together to display their excellent works, this Special Issue on optical sensing offers a platform for you to showcase your works, providing an overview of the recent developments and strategies related to optical sensing covering topics including (but not limited to) those stated above; both research articles and reviews are welcome. In optical sensing applications, either the manipulation of optical transducers or the rational design of optical molecular probes are within the scope, including wide ranges of optical sensory device types, such as optical electrochemical (OEC), chemiluminescence, fluorescence, colorimetric, FRET, BRET, SPR, SERS, etc.

- optical sensing
- optical molecular probe
- solid-state device

Guest Editors

Dr. Garoli Denis

Department of Science and Methods of Engineering, University of Modena and Reggio Emilia, Via Amendola 2, Reggio Emilia, Italy

Dr. Cheng Jiang

Tofaris Group, Nuffield Department of Clinical Neurosciences (NDCN), West Wing Level 6, JR hospital University of Oxford, Oxford, UK

Dr. Jian-An Huang Faculty of Medicine, University of Oulu, Oulu, Finland

Deadline for manuscript submissions

closed (31 August 2022)



Photonics

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 3.5



mdpi.com/si/64680

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).