

# Special Issue

## Editorial Board Members' Collection Series: Photonics Sensors

### Message from the Guest Editors

Photonics sensors have attracted wide interest in countless domains, including aerospace, food processing, high-energy physics experiments, environmental monitoring, medicine, the nuclear industry, oil and gas, railways, and structural health monitoring. Here, photonics sensors bring several advantages, such as high-sensitivity and -resolution measurements, small size and weight, immunity to electromagnetic interferences, resistance to harsh environments, long-distance monitoring, and high multiplexing capability. This Special Issue will focus on the latest developments and trends in photonics sensors, covering recent improvements in related theory, design, fabrication, and application/validation. We encourage you to submit original research papers, communications, and review articles in order to provide a useful insight into the present status and future outlooks in this area. We look forward to receiving your contributions.

### Guest Editors

Dr. Carlos Marques

CICECO-Aveiro Institute of Materials, Physics Department, University of Aveiro, Aveiro, Portugal

Dr. Flavio Esposito

Department of Engineering, University of Naples "Parthenope", 80143 Naples, Italy

### Deadline for manuscript submissions

closed (10 March 2025)



## Photonics

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*Photonics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[photonics@mdpi.com](mailto:photonics@mdpi.com)

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## 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.

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### Editor-in-Chief

Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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