

# Special Issue

## Advanced Photonic Sensing and Measurement II

### Message from the Guest Editors

In the continuation of the momentum generated by the successful "[Advanced Photonic Sensing and Measurement](#)" special issue, we embark on a new chapter of exploration. Over the past decade, the landscape of scientific progress has been witness to remarkable strides in photonics, leading to a seismic shift that displaces traditional technologies. With an unwavering commitment to amplify the impact of this swiftly evolving field, we are thrilled to introduce yet another Special Issue that stands as a continuum of excellence. This platform aims to unite experts, cultivating innovative solutions for the imminent challenges in photonic sensing and measurement. The scope of this Special Issue spans a wide horizon, including but not limited to the following facets:

- Optical fiber sensors;
- Biophotonics;
- Fiber-optic spectroscopy;
- Quantum optics for sensing;
- Nonlinear optical techniques for sensing;
- Ultrafast laser-based sensing;
- Photonic crystal sensors;
- Biochemical sensing using photonics;
- Optical nanosensors;
- Remote sensing using photonics;

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### Guest Editors

Dr. Yuxi Ruan

Dr. Bin Liu

Dr. Yuanlong Fan

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### Deadline for manuscript submissions

closed (30 June 2024)



## Photonics

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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

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#### 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).