

# Special Issue

## Optical Signal Processing

### Message from the Guest Editors

*Photonics* invites manuscript submissions to Optical Signal Processing. Submissions focusing on advancing fundamental knowledge and techniques, as well as applications in diverse areas, from communications to natural and biological sciences, are welcome. This Special Issue aims to provide an overview of ongoing progress and trends in advancing the knowledge, understanding, and novel applications of optical signal processing. Areas of interest include (but are not limited to):

- Ultrafast optical signal processing;
- Integration for photonic signal processing;
- Programmable photonic signal processing;
- Optical signal processing for sensing and communications;
- Photonic integrated circuits;
- Semiconductor devices, including SOAs and sources;
- Highly nonlinear fibers;
- Linear and nonlinear material platforms for optical signal processing;
- Optical switching technologies, concepts, and techniques.

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### Guest Editors

Dr. Amer Kotb  
Prof. Dr. Kyriakos E. Zoiros  
Dr. Santosh Kumar

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### Deadline for manuscript submissions

closed (30 August 2023)



## 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:

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#### 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).