Special Issue

Signal Processing and Transmission Enabled by Microwave Photonics

Message from the Guest Editors

This Special Issue of *Photonics*, entitled Signal processing and transmission enabled by Microwave Photonics, is to highlight the recent progress and trends in the research of microwave photonics. Both original research papers and review articles are welcome in this Special Issue. Technical topics include, but are not limited to, the following:

- MWP signal generation;
- MWP signal processing;
- Radio over fiber transmission;
- MWP techniques for 5G/6G;
- Integrated microwave photonics;
- MWP signal recognition;
- MWP sensing technology;
- Development of MWP devices, components, and systems.

Contributing papers need to present original, unpublished work and will be subjected to a peerreviewed process to assure meeting the quality standard of the journal. Submitted manuscripts must be prepared according to the author guidelines of *Photonics* and uploaded through to the MDPI electronic submission system.

Guest Editors

Dr. Jia Ye

Department of Communication Engineering, School of Information Science & Technology, Southwest Jiaotong University, Chengdu 610031, China

Prof. Dr. Nianqiang Li

School of Optoelectronic Science and Engineering, Soochow University, Suzhou 215006, China

Deadline for manuscript submissions

closed (15 April 2023)



Photonics

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 3.5



mdpi.com/si/141554

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).