

Special Issue

High-Speed Optical Communication and Information Processing

Message from the Guest Editors

This Special Issue encourages extensive analysis and innovative thinking on high-speed optical communication and signal processing technologies, including light generation as well as the transmission, control, and detection of optical paths. Original research articles and reviews are welcome for submission to this Special Issue. Research areas may include (but are not limited to) the following:

- optical waveform generation techniques
- constellation shaping techniques
- channel nonlinear compensation algorithms
- higher-order modulation techniques
- high-spectral-efficiency optical multi-dimensional modulation techniques
- modulation format identification techniques
- channel equalization.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Qi Zhang

Prof. Dr. Gao Ran

Dr. Fu Wang

Deadline for manuscript submissions

closed (31 July 2024)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).