

## Special Issue

# Advanced Photonic Devices and Applications in Optical Communications

### Message from the Guest Editors

This Special Issue highlights the latest advancements in photonic devices and their transformative impact on the design, performance, and scalability of optical networks. The focus is on innovative solutions that address current challenges in bandwidth demand, energy efficiency, and integration for next-generation communication systems. Contributions from researchers and professionals in both academia and industry are encouraged to create a comprehensive resource in this rapidly evolving field. Topics of interest include but are not limited to the following:

- Photonics Integration:
- Optical Switching and Routing:
- High-Capacity Transmission:
- Energy-Efficient Solutions:
- Emerging Photonic Technologies:

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### Guest Editors

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### Deadline for manuscript submissions

15 September 2025



## Electronics

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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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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