

Special Issue

Optical Fiber Communication: Prospects and Applications

Message from the Guest Editors

Optical fiber communication is a key technology for the development of modern information society. It has the advantages of high bandwidth, low attenuation, minimal latency, and high security. Optical fiber communication as the cornerstone of massive data transmission has been widely used to support various applications.

However, with the rapid growth of data traffic and the increasing demand for high-quality services, the traditional optical fiber communication systems are facing many challenges, such as spectrum scarcity, network complexity, and energy efficiency. This Special Issue welcomes original and high-quality research papers, review articles, and short communications that cover the above-mentioned topics, as well as other related topics in optical fiber communication. The submissions should demonstrate the novelty, significance, and potential impact of the research work, and provide sufficient details and references for the reproducibility and verification of the results. The submissions will undergo a rigorous peer-review process by the editorial board and the reviewers of this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (15 July 2024)



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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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