

Special Issue

Broadband Wireless Transmission and Networks: Latest Advances and Prospects

Message from the Guest Editors

The academia and industry have paid much attention to the theoretical problems and key technologies of beyond 5G or the next generation systems so far, in order to satisfy the future demands for information and communications technology (ICT) around 2030. This Special Issue calls for papers to present advanced technologies of broadband wireless transmission and networks. The topics include, but are not limited to, as follows:

- Sub-6G/Millimeter wave/Terahertz /Light communications;
- Cell-free/ultra-massive MIMO and advanced multiple access techniques;
- Optimization technologies in energy-efficiency, latency, and more;
- Artificial intelligence powered wireless communications;
- IRS- and UAV-assistant communications;
- Resource allocation and interference management;
- C-RAN and edge-computing;
- Energy harvesting and wireless energy transfer;
- Broadband microwave circuits and components.

Guest Editors

Prof. Dr. Yuanan Liu

Dr. Fang Liu

Prof. Dr. Ren Ping Liu

Deadline for manuscript submissions

closed (30 April 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 guest-edited 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 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).