Special Issue

Advances in MIMO Systems

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but need not be limited to) the following:

- Massive MIMO, hybrid beamforming, and distributed MIMO architectures;
- Al and machine learning techniques for MIMO optimization, including resource allocation, beamforming, and interference management;
- Reconfigurable intelligent surfaces (RISs) for enhancing MIMO systems;
- Energy efficiency and green communication strategies in MIMO networks:
- Advanced modulation and coding schemes for MIMO;
- Security, privacy, and interference management in MIMO systems;
- Full-duplex MIMO and its role in 6G;
- Millimeter-wave and terahertz MIMO technologies;
- Channel modeling and estimation techniques in MIMO for 5G and beyond;
- Multi-user MIMO for dense wireless environments:
- Field trials, testbeds, and real-world applications of advanced MIMO systems;
- Integration of MIMO with edge computing and Aldriven networks.

Guest Editors

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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 16.8 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).

