Special Issue

Advanced Techniques for Massive MIMO Systems in Next-Generation Wireless Communication and Networks

Message from the Guest Editors

Massive MIMO systems represent a significant advancement in wireless communication, with ongoing research and development aiming to overcome the technical challenges and fully realize their potential in 6G and future networks. Massive MIMO systems employ a large number of antennas at the base station to serve multiple users simultaneously, thereby increasing the capacity of the network. This Special Issue focuses on Massive MIMO systems for next-generation wireless communication and networks. Therefore, the scope of this Special Issue includes, but is not limited to, the following topics:

- Millimeter wave massive MIMO systems
- Terahertz massive MIMO systems
- Massive MIMO ISAC systems
- Massive MIMO NOMA systems
- RIS-assisted massive MIMO systems
- Full-duplex massive MIMO systems
- Massive MIMO Visible Light Communication
- Ultra-massive MIMO systems
- XL-MIMO systems
- Cell-free massive MIMO system
- Massive MIMO systems in UAS
- Massive MIMO systems in smart city infrastructures

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Deadline for manuscript submissions

closed (15 March 2025)

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

Editor-in-Chief

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