

Special Issue

Antennas and Propagation for Wireless Communication

Message from the Guest Editor

The rapid evolution of 5G and beyond technologies promises transformative advancements across various fields, including autonomous systems, IoT, and healthcare. As we move toward these new frontiers, the demand for cutting-edge antenna and propagation technologies becomes increasingly critical to meeting the stringent requirements of high-performance communication systems. This Special Issue invites high-quality submissions that explore the latest advancements and innovations in antenna and propagation technologies, essential for the next generation of wireless communication systems. The topics of interest include, but are not limited to, the following:

- Antennas and propagation;
- Beam-forming structures and phased arrays;
- Substrate-integrated waveguide antennas;
- Dielectric resonator antennas;
- MIMO technologies;
- Metasurface antennas;
- Self-multiplexing antennas;
- Orbital angular momentum (OAM) antennas;
- Reconfigurable antennas;
- Antenna measurements;
- Numerical electromagnetics.

Guest Editor

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Deadline for manuscript submissions

15 August 2025



Electronics

an Open Access Journal
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Impact Factor 2.6
CiteScore 6.1



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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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