

Special Issue

Prospective Multiple Antenna Technologies for 5G and Beyond

Message from the Guest Editors

The main objective of this Special Issue is to report recent advances in antenna designs from sub-6 GHz to THz frequency spectrum for 5G and beyond communications and sensing systems. Authors of both theoretical and application-oriented papers presenting emerging antenna technologies including massive MIMO, beamforming MIMO/arrays, along with the design of intelligent reflecting surfaces are most welcome to submit their manuscripts. Submissions can focus on conceptual and applied research, including but not limited to the following topics:

- MIMO full-duplex antenna system
- Massive MIMO antennas
- Intelligent Reflecting Surfaces for 5G and beyond
- Phased array and beamforming antennas
- mm-wave and THz antennas
- Metamaterial/metasurface based antennas
- Reconfigurable antennas
- Multi-band antennas
- Sub-6 GHz and mm-wave integrated antennas
- Base station and terminal antennas
- Wearable and implantable antennas
- Antennas for wireless sensing and wireless power transfer
- Antenna design techniques and measurement for 5G

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2022)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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