



New Generation Design of Antennas

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Message from the Guest Editors

This Special Issue aims to address the recent development in this emerging area of versatile antennas, integration of programmable materials in antennas, and advanced manufacturing techniques, such as inkjet printing, flexo printing, 3D printing, etc., as well as the deployment of advanced materials such as graphene, carbon nanotubes, metamaterials, etc. We are looking forward to high-quality submissions that highlight the scope and applications of advanced antenna design techniques, such as massive multiple-input-multiple-output (MIMO), phased arrays, on-chip antennas, etc., and address the recent developments in manufacturing processes and advanced materials, as well as the prospective advantages of novel antenna design techniques that lead to adaptive, ultra-fast and highly secure wireless communication. The topics of interest include but are not limited to:

- Millimeter-wave antennas;
- 5G, 6G and beyond antennas;
- Flexible, conformal, 3D-printed antennas;
- Smart antennas;
- Multiple-input-multiple-output (MIMO) antennas;
- Antennas for biomedical applications;
- Phased arrays and massive MIMO antennas.





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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.

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