



## Recent Advances in Microwave and Terahertz Engineering

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### Message from the Guest Editors

Dear Colleagues,

In the past decade, microwave and terahertz technologies have enabled the introduction of many new designs and applications, inspiring novel technologies for components, devices, 5G/6G communications, energy harvesting, and sensing and recognizing systems.

This Special Issue brings recent advanced subjects into focus, involving the analysis, design, and application of microwave and terahertz engineering. The topics include, but are not limited to:

- Electromagnetics field theory;
- Electromagnetics modeling;
- Inverse design and AI in microwave/THz design;
- Microwave/THz waveguides;
- Microwave/THz antennas;
- Microwave/THz active devices;
- Microwave/THz sources;
- Microwave/THz detection;
- Microwave/THz metamaterials/metasurfaces;
- Signal processing for microwave/THz applications;
- Microwave/THz radars;
- Microwave/THz communications;
- Microwave/THz sensing;
- Microwave/THz in biology and medicine.





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## Editor-in-Chief

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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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