

Special Issue

Terahertz Technology for 6G Communication: Devices and Applications

Message from the Guest Editors

We are inviting submissions to the Special Issue on Terahertz Technology for 6G Communication: Devices and Applications. The terahertz band (0.1–10THz) is the key window connecting light waves and microwaves. It has become more appealing in six-generation networks due to its large communication and favorable propagation. As a promising solution for 6G wireless networks, terahertz communication plays an essential role in meeting the increasing demands of data traffic. The objective of this Special Issue is to cover all aspects of photonics/electronics-based terahertz technologies. Some of the topics of interest include but are not limited to:

- Terahertz solid electron devices;
- THz integrated circuits;
- Terahertz vacuum electron devices;
- Terahertz modulation technology;
- Metamaterials, RIS, and metasurfaces;
- Semiconductors, 2D materials, and topological photonics;
- Photonic emitter;
- Integrated photodetectors;
- THz antenna design and optimization;
- THz communication technology and systems.

https://www.mdpi.com/journal/electronics/special_issues/6J6W5Y8A7D

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Deadline for manuscript submissions

closed (15 February 2024)



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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.

Editor-in-Chief

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