

Special Issue

Terahertz Antenna Technologies for Next-Generation Wireless Systems

Message from the Guest Editors

Terahertz (THz) antenna technologies are at the forefront of next-generation wireless communication systems, poised to revolutionize 6G and beyond. As we push the boundaries of data rates and connectivity, the exploration of higher frequency bands becomes crucial. This Special Issue, "Terahertz Antenna Technologies for Next-Generation Wireless Systems", aims to showcase cutting-edge research and innovations in this rapidly evolving field, with a particular focus on antenna design, manufacturing techniques, and novel applications. We cordially invite researchers, engineers, and practitioners to contribute original work addressing the challenges and opportunities in THz antenna design, implementation, and application. Topics of interest include, but are not limited to, novel THz antenna architectures, advanced manufacturing techniques such as 3D printing for THz antennas, beamforming techniques for THz frequencies, massive MIMO systems in the THz range, metamaterial-based THz antennas, on-chip THz antennas, and propagation models for THz communication.

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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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