

Special Issue

Antenna Design and Optimization for 5G, 6G, and IoT (2nd Edition)

Message from the Guest Editor

In light of the success of the first edition, we are pleased to present the second edition of this Special Issue, which provides an overview of recent developments in antenna design for 5G, 6G, and IoT applications. This Special Issue highlights the continued advancements in MIMO systems, beamforming, mmWave and THz antennas, as well as novel designs using metamaterials, reconfigurable structures, and AI-driven optimization techniques. We invite researchers, engineers, and industry professionals to explore the latest contributions in the field to promote the next generation of wireless connectivity. The research presented in this second edition builds on the foundation laid by the first, reflecting both the rapid progress made in the field and the challenges that have emerged in the quest for more efficient, reliable, and versatile antenna technologies. We hope that this Special Issue will inspire further advancements in antenna design and optimization, ultimately contributing to the success of 5G, 6G, and IoT systems worldwide. We look forward to your continued contributions and insights as we shape the future of wireless communication together.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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