Special Issue

Microwave Antennas: From Fundamental Research to Applications

Message from the Guest Editors

Recent developments in the areas of 5G and future 6G mobile communications drove a great deal of antenna technology research towards higher-frequency bands, i.e., the millimeter waves (30 GHz–300 GHz). These new, large bands allow for enhanced mobile broadband, whereas higher frequencies allow for packing very small antennas and antenna arrays with beamforming capability into final commercial products. We invite researchers from both industry and academia to contribute to this Special Issue with their ongoing research and visions of the future trends in microwave antennas. The contributions should consider, but are not limited to, the following topics:

Antenna elements;
Antenna arrays;
Antenna elements and arrays for navigation;
Antenna design and optimization techniques;
Antennas for automotive and airborne communications;
IoT antennas;
Antenna measurement;
Antennas and antenna arrays signal processing;
Filtering antennas;
Frequency-selective surfaces.

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

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