Special Issue

Advances in Microwave/Millimeter-Wave Devices and Antennas

Message from the Guest Editor

Microwave/millimeter-wave antennas with a broad bandwidth, small size, capability of covering various wireless services, and a reduction in the required antenna elements number play a significant role in smart handheld, portable device, biomedical, and Internet of Things (IoT) applications. The printed structures with a minimized profile, low complexity, low weight, high availability, easy fabrication, and integration are a suitable candidate for modern communications. Recently, many printed antennas have been introduced by incorporating different shapes and sizes of gaps, slits, arms, slots, sleeves, and metamaterial-based structures in the ground plane, radiating resonator, and feed line. Miniaturized printed antennas with minimized dimensions are more suitable for integration in modern applications with limited space as well as in diversity and MIMO structures that use several single antenna elements to enhance the performance. This Special Issue seeks papers on new developments or advances in microwave/millimeter-wave devices and antennas. I look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)

Micromachines

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Impact Factor 3.0
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Editor-in-Chief

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