Special Issue

Microwave/Millimeter-Wave Future Trends and Technologies

Message from the Guest Editors

This Special Issue invites researchers and RnD engineers to contribute original research articles and review papers that address the challenges, future trends, and new technologies in the design and application of new microwave/millimeter-wave circuits for 5G and 6G systems to support the significant demands of this fast-evolving era. The sub-systems include but are not limited to antennas, filters, power amplifiers, phase shifters, power dividers, mixers, multiplexers, ceramics, and integrated systems. These components could incorporate recent RF technologies such as reconfigurable intelligent surfaces (RISs), metasurfaces, MMICs, beamforming, and massive MIMOs, which significantly affect the overall performance of 5G and 6G front-end transceivers.

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Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that Technologies becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, Technologies will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

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