Special Issue

Disruptive Antenna Technologies Making 5G a Reality, 2nd Edition

Message from the Guest Editors

With this Special Issue, we wish to give a platform to success stories surrounding 5G-enabling antenna technologies and what future prospects they carry with them. 5G antennas are known to be a new type of antenna that are highly integrated, support flexible all-band configuration, and enable scenario-specific beam management. Unlike 3G and 4G antennas that provide coverage with fixed beam patterns and directivity, 5G antennas must support on-demand beamforming according to application scenarios and user distributions. 5G antennas must be able to support beam management to help deliver precise coverage in target areas while significantly suppressing interference in other areas. Finally, antennas must evolve from plug-and-play components in 3G and 4G networks to key network elements that support flexible beam configuration and management in 5G networks.

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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.

Editor-in-Chief

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