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

Guest Editors:

Dr. Syed Muzahir Abbas
Electrical and Electronic Engineering, Macquarie University, Macquarie Park, NSW 2109, Australia

Dr. Muhammad Ali Babar Abbasi
School of Electronics, Electrical Engineering and Computer Science, Queen's University Belfast, Belfast BT9 5BN, UK

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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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Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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