

Special Issue

Antennas and Next Generation Mobile Communication Systems

Message from the Guest Editor

New Radio (NR) is eagerly expected as the solution for current wireless communications demands, aiming to provide fast throughput and low latency, with a significant improvement in user's quality of service (QoS) and quality of experience (QoE). With the initial deployments in place and the first 5G smartphones in the market, the primary concern is the need to satisfy the exponential rise in user and traffic capacity in mobile broadband communications.

In this Special Issue, novel key performance indicators for 5G mobile communications will be presented, as well as challenges ahead with possible solutions identified. Topics like massive MIMO evaluation, effective OTA test methods, realistic use of mmWave frequencies, or latency-related aspects will also be important topics to be tackled in this Issue.

Guest Editor

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Message from the Editor-in-Chief

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.

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