Special Issue

Millimeter Wave Technology in 5G

Message from the Guest Editor

In order to overcome the disadvantages of millimeter-wave technologies, such as short distance communications due to high path-loss and weakness in NLOS and blockage situations, many advanced communications and networking technologies from the low-layer to the high-layer have been proposed using the concept of the OSI 7 layer. In this Special Issue, we are particularly interested in describing, defining, and quantifying the potential problems of millimeter-wave wireless technologies as well as looking at solutions, prototypes and demonstrators, including antenna design, massive antenna design, radio frequency platform design, channel modeling, and measurements. Furthermore, besides the low-layer techniques, many algorithms for higher layers are of interest, for example, relaying, routing, scheduling, and adaptive video coding over millimeter-wave channels. Welcome to contribute!

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2020)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/24976

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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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