



Millimeter Wave Technology in 5G

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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!





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Message from the Editor-in-Chief

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