Wireless Communication and Networking for 5G

Guest Editor:

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Deadline for manuscript submissions:
closed (31 August 2020)

Message from the Guest Editor

For this Special Issue, we are particularly interested in papers that integrating the 5G new radio framework with C-RANs and vehicle-to-everything (V2X) architectures to manage computing and communication resources to overcome some of the challenges for supporting URLLC, mMTC applications.

General topics covered in this Special Issue include, but are not limited to:

Computing and communication resource management for 5G, C-RANs, and V2x;
Architectural or technological solutions for RAN data collection and management including cloud/edge/fog computing;
Fog/edge computing-enabled 5G/B5G networks;
Industrial Internet of Things (I-IoT) and cellular Internet of Things (C-IoT);
NR for eMBB, mMTC, URLLC, I-IoT, and C-IoT;
Mobility management and massive access control for mMTC, massive IoT;
Capacity analysis and fundamental performance limits;
Local area networks for 5G;
Network slicing.

Welcome to contribute.

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Special Issue

Editor-in-Chief

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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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