



Mobile Communications in 5G Networks

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Message from the Guest Editors

In the last few decades, the paradigm of mobile communications redefined the way users take advantage of technology, both from a comfort and performance point of view. The deployment of the new protocols and technologies for mobile scenarios, such as 5G, HetNets, UAVs, and Autonomous Vehicles, and the integration of different heterogeneous research fields with them, has led to the enhancement of life quality, and the way human actions are conceived. Topics in this Special Issue can include (but are not limited to):

- Integration of different and recent mobile communications technologies with 5G standards;
- Protocols and algorithms for environmental sensing suitable for 5G networks;
- LPWAN technologies for Wireless Sensor Networks and IoT;
- Applications of mobile and/or wearable sensing for healthcare based on 5G connectivity;
- Ultra-low latency and real time applications in 5G networks;
- Vehicular protocols and their integration with other technologies (VANETs, 4G, 5G, mobile IP, etc.);
- Network planning and network slicing in the context of 5G networks;
- Applications and Protocols related to sustainable computing in the context of 5G;
- Beyond 5G: 6G enabling technologies.





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