



Sustainable Communication and Networking

Guest Editor:

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Message from the Guest Editor

Forecasts predict that the huge increase in consumer demand for data services driven by access to ever-smarter and more powerful devices is expected to continue beyond 2020. 5G will integrate multiple networks serving diverse sectors, domains, and applications, such as VR/AR, IoT, UAVs, Smart Cities, etc. Current research efforts on 5G radio access networks strongly focus on millimeter-wave access for addressing a critical weakness of deployed cellular systems—that is, the capacity to realize enhanced mobile broadband services. Aside from this, mmWave technologies have reached a significant degree of maturity, and their state-of-the-art products are already on the market. In conclusion, this Special Issue aims to discuss practical issues including PoC/implementation/optimization of future sustainable 5G and beyond networks via the combination of key technologies (e.g. mmWave, MEC, SDN, machine-learning-based optimization, etc.).





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