



Advances in 6G Wireless Communication Systems and Their Applications

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Message from the Guest Editors

Using mmWave for 5G wireless communications addresses spectrum scarcity in current 4G systems below 6 GHz. It enables new applications like VR/AR, autonomous driving, IoT, and wireless backhaul. While 6G is not yet invented, it will surpass 5G with higher data rates and lower latency. 6G extends 5G capabilities, supporting services such as edge intelligence, large-scale machine communication, reliable low-latency communication, holographic telepresence, eHealth, intelligent connectivity, Industry 4.0, massive robotics, 3D unmanned mobility, AR, and VR. High bit rates (up to Tbit/s) and low latencies (<1 ms) facilitate these advancements.

This Special Issue collects research papers on mobile cellular networks (5G, B5G, and 6G) and wireless LANs, including IoT integration. We welcome theoretical investigations, simulations, and hands-on experiments. Special





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Message from the Editor-in-Chief

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