

Special Issue

Protocols and Applications for Wireless Mobile Networks

Message from the Guest Editor

Mobile traffic has been increasing rapidly and diverse network applications have also been developed remarkably, which gives rise to new challenges in the protocols of the wireless mobile network. For example, various features that are impossible in the 4G network are added in the 5G network, so specialized protocols for the 5G network are required. Furthermore, due to the shifts in lifestyle, we need to discuss and develop various applications using wireless mobile networks. In this Special Issue, we wish to discuss, derive, and develop new protocols and applications for the wireless mobile network.

- Protocol design for 5G and beyond
- Protocol design for WLAN, WPAN, LPWAN
- Cross-layer design for networking
- Internet of things, cloud computing, fog computing and edge computing
- Security and privacy in wireless mobile network
- Network management, software defined networking, and network virtualization
- Machine learning for wireless mobile network
- Localization, tracking and location-based service
- Mobile sensing applications based on wireless signal processing
- Multimedia networking

Guest Editor

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Deadline for manuscript submissions

closed (1 March 2021)



Electronics

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Impact Factor 2.6
CiteScore 6.1



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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 guestedited by leading experts in selected topics of interest.

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