Special Issue

Physical Layer Security in Future IoT Networks: Theories, Technologies, and Applications

Message from the Guest Editors

In the upcoming sixth generation (6G) wireless networks, billions of smart-devices with sensing, computing, and communicating capabilities are expected to be involved in the Internet of Things (IoT) paradigm in order to support future diverse communication demands, such as machine-to-machine (M2M), device-to-device (D2D), and device-to-everything (D2E) communications, IoT, and Internet of Vehicles (IoV). On the other hand, wireless communication has become an indispensable part of people's daily life; everyone and everything heavily rely on the wireless transmission of important/private information, such as credit cards, verification codes, commercial secrets, and military orders. Therefore, wireless security is viewed as a critical issue for future 6G and beyond networks for both civilians and the military.

The research of physical layer security in future IoT networks is still in its infancy and calls for more extensive and in-depth research efforts. Towards that end, this Special Issue aims to provide a venue to exchange recent advances of theories, technologies, and applications in this topic.

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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.

Editor-in-Chief

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