Special Issue

Innovative Defense Technologies in 5G and beyond Mobile Networks Using Machine Learning

Message from the Guest Editors

Emerging as the central building block of future networks, 5G and beyond mobile networks have shown the potential to support billions of mobile devices. Their boom, however, comes with the risk of being more susceptible to security threats, also imposing security challenges to networking technologies such as software-defined networking (SDN), network function virtualization (NFV), the Internet of Things (IoT) and mobile edge computing (MEC). Traditional security techniques may be insufficient, as they have the potential to fail to meet requirements such as ultra-low latency and deterministic properties. In addition, they may no longer be applicable, as cyberattacks have evolved with 5G and beyond networks, prompting unprecedented security risks.

The purpose of this Special Issue is to provide a premier forum for researchers and academics working on ML in 5G and beyond security to present their state-of-the-art research contributions.

Guest Editors

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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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