Special Issue

Novel Technologies for Systems and Network Security

Message from the Guest Editors

The conventional technologies for system and network security are facing amount of challenges in six-generation (6G) network. This is mainly due to the open broadcast nature of radio signal, the dramatically increased computation capability of devices, and the high connections among systems, devices, machines, and people. Hence, new systems and network security methods are extremely important for 6G network, especially in the quantum age. How to enhance the security of these systems, while guaranteeing their communications is an open issue. Moreover, how to overcome the challenges brought by the quantum computer is required to be carefully considered. Suitable topics for this SI include, but are not limited to, the following areas:

- Machine and deep learning algorithms for system and network security;
- Blockchain technique for system and network security;
- Physical layer security;
- AI-driven data analysis;
- Joint optimization of security and communication;
- Data security and privacy
- Online social network security, privacy and trust
- Security of communication protocols

Guest Editors

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Deadline for manuscript submissions

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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 guest-edited by leading experts in selected topics of interest.

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