

Special Issue

Machine Learning for Enhancing Network Security

Message from the Guest Editors

With the rapid development of machine learning and successful applications in various areas of information systems, future communication systems are expected to be machine learning native. Recently, various machine learning models have been used to develop intelligent protection mechanisms to improve the security of networks. This Special Issue aims to provide a platform for researchers and engineers to exchange the latest works and insights on the challenges and potential solutions to machine learning-empowered B5G and 6G security. Topics of interest include (but are not limited to) the following:

- Machine learning-enabled website fingerprinting;
- Machine learning-enabled intrusion detection on wireless networks;
- Machine learning-enabled encrypted malicious traffic identification;
- Machine learning-enabled attack detection and protection for SDN networks;
- Machine learning-enabled resource orchestration for the security of SDN/NFV based networks;
- Machine learning-enabled physical layer authentication for B5G/6G;
- Machine learning-enabled physical layer key generations;
- Machine learning-enabled secure beamforming.

We look forward to receiving your contributions.

Guest Editors

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About the Journal

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.

Editor-in-Chief

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