Special Issue

Recent Advances in AI-Enabled Internet of Things Security and Privacy

Message from the Guest Editors

We are experiencing explosive growth in digital data and connected devices today. The application of artificial intelligence (AI) and machine learning (ML) is prevalent in a wide range of fields. In recent years, AI and ML techniques have been gaining importance as tools to provide intelligence to the Internet of Things (IoT). With increased intelligence, the goal of AI-enabled IoT is to provide better heterogeneous connectivity, ubiquitous coverage, reduced network and device complexity, enhanced power savings, and enhanced resource management. However, due to the deployment of AI-based intelligence for IoT applications, a new set of problems, challenges, risks, and vulnerabilities have been introduced. Thus, it is important to address the challenges provided by intelligent cyberattacks that are targeted towards AI-based IoT. Prospective authors are invited to submit original manuscripts on topics including, but not limited to:

- Security and Privacy in IoT
- Intelligent IoT
- Industrial IoT
- Medical IoT
- Smart City with IoT
- Vehicular IoT
- Intelligent Edge Network
- Adversarial Learning
- Federated Learning
- Security in Blockchain

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)

Electronics

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.

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