Security and Trustworthiness in Industrial IoT

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Deadline for manuscript submissions:
closed (31 August 2022)

Message from the Guest Editors

Dear Colleagues,

Industrial IoT (IIoT) systems are revolutionizing industry and businesses by improving service delivery and increasing productivity. They facilitate innovations, developments and disruptive business models in various sectors. However, IIoTs are subject to a multitude of threats. Cyberattacks may have a catastrophic impact on industrial applications including stolen proprietary information and cause physical damage to production systems.

This Special Issue encourages authors to submit research results covering security and trust of IIoT systems. Contributions addressing relevant theoretical and practical aspects as well as state-of-the-art review works are welcomed. The Special Issue topics include, but are not limited to:

IIoT devices and protocols security
Tailored security solutions for specific IIoT applications
Intrusion detection and prevention system
Data security, privacy and trustworthiness
Security and trust management for fog and edge computing
Machine learning, deep learning and blockchain based security solutions
Threat and vulnerability in platforms and protocols
Threat models
Adaptive security management
Security metrics and risks
Hardware security

Special Issue

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Message from the Editor-in-Chief

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