Security and Privacy of the Internet of Things for Industrial Applications

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Message from the Guest Editors

Dear Colleagues,

In recent years, the Industrial Internet of Things (IoTs), which uses IoT devices together with big data and machine learning techniques, has greatly transformed manufacturing and industrial processes, not only improving productivity and analytics, but also transforming workplaces. Nevertheless, the Industrial IoTs still faces many security and privacy challenges. If those challenges cannot be dealt with, the Industrial IoTs cannot reach its final stage of development.

This Special Issue, therefore, aims to collate original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of Industrial IoTs.

Potential topics include, but are not limited, to the following:

- Industrial IoT trust, security and privacy;
- Trustworthy Industrial IoT data management;
- AI-based data analytics for Industrial IoT;
- Industrial IoT security protocols;
- Cybersecurity for OT/IT convergence;
- Digital twin security and privacy in Industrial IoT;
- Blockchain technologies in Industrial IoT.

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Guest Editors

Special Issue

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Message from the Editor-in-Chief

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