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Research on Security and Privacy in IoT and Big Data

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Deadline for manuscript submissions:
closed (30 August 2023)

Message from the Guest Editors

Internet of Things (IoT) connect physical or virtual objects to the Internet, covering various domains in our society, from manufacturing to automation, transportation, finance, etc. Nevertheless, security and privacy vulnerabilities in IoT and big data arise from diverse aspects, such as the insecure public communication backbone, the IoT hardware and software attack surface, as well as the privacy threats incurred by big data analysis. Therefore, it is important to explore and investigate the security and privacy issues that exist related to IoT and big data. This Special Issue mainly focuses on putting together original research and review works emerging in the IoT and big data domain, aiming at presenting the recent advanced technologies, solutions, and approaches on solving the privacy and security challenges in this field.

Potential topics include, but are not limited to:

- Architectures and frameworks for securing IoT;
- Privacy and security in IIoT and Industry 4.0;
- Edge computing for IoT security and privacy;
- Risk assessment and control in IoT systems;
- Security and privacy in satellite IoT applications.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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