



Application of IoT and Cybersecurity Technologies

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Message from the Guest Editors

Dear Colleagues,

The Internet of Things (IoT) has revolutionized the way we interact with our surroundings by connecting everyday objects to the internet, enabling seamless communication and automation. This Special Issue aims to explore the intersection of IoT and cybersecurity, highlighting the various threats facing IoT ecosystems and proposing innovative solutions to mitigate these risks. Topics covered include, but are not limited to, the following:

Vulnerability assessment and threat modeling for IoT devices and networks.

Authentication and access control mechanisms tailored for IoT environments.

Encryption techniques for securing data transmitted between IoT devices and cloud servers.

Intrusion detection and prevention systems for IoT networks.

Privacy-preserving methods for handling sensitive data collected by IoT devices.

Standardization efforts and regulatory frameworks to enhance IoT security.

Case studies and real-world implementations showcasing effective cybersecurity measures in IoT deployments.





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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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