

Special Issue

Cyber Security in the Industrial Internet of Things

Message from the Guest Editors

The Industrial Internet of Things (IIoT) envisions a world where critical infrastructures are monitored and controlled through the network. The IIoT's adoption may allow for the optimization of many industry domains. Nevertheless, all of this interconnection will expand the cyberattack surface to unprecedented levels. This Special Issue on "Cyber Security in the Industrial Internet Of Things" aims to stimulate open scientific discussions on new solutions and trends in response to the main security and trust challenges in the IIoT. In this Special Issue we welcome both original research papers and review articles on diverse topics such as:

- software and hardware protection mechanisms
- trust and security lifecycle management
- trusted device identification and communication
- privacy issues
- cryptography and lightweight cryptography
- security-by-design
- blockchain technologies
- security in emerging fields: artificial intelligence, neural networks, deep-learning, and approximate computing
- case studies

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About the Journal

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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