



Monitoring, Security and Privacy in IoT Emerging Technologies

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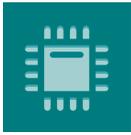
Message from the Guest Editors

The Internet is evolving from a communication platform for conventional IT appliances into the Internet of Things (IoT), increasingly interconnecting many assorted devices and sensors.

The topics in this Special Issue will collect contributions include but are not limited to the following:

- Secure protocols for IoT devices
- Case studies of malware analysis in IoT environments
- Clouds, IoT, Edge, and Fog monitoring and forensics
- Security diagnosis tools for IoT devices
- Trust frameworks and secure/private collaboration mechanisms for IoT environments
- Secure management and self-healing for IoT environments
- Operative systems security for IoT devices
- Threat and vulnerability detection in IoT, Cloud, Edge, and Fog environments
- Anomaly detection and prevention mechanisms in IoT networks
- Deep Learning and AI for security
- Testbeds and experimental facilities for IoT security analysis and research
- Security and privacy solutions tailored to specific
- Secure Methodologies for emerging technologies
- Secure elements (TPM, TEE, SGX, ARM, etc.) for IoT, Edge, and Fog
- Human aspects in IoT cyber security
- Experimental, case studies, and scale evaluations





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