

## Special Issue

# Monitoring, Security and Privacy in IoT Emerging Technologies

### 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, observational, and case study results

### Guest Editors

Dr. Antonio Muñoz

Prof. Dr. Carsten Rudolph

Dr. David Manz

### Deadline for manuscript submissions

closed (30 November 2021)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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