

Special Issue

Validation Methods in IoT Systems: Security, Performance and Safety

Message from the Guest Editors

The Internet of Things (IoT) represents, in many ways, a paradigm shift in computer and telecommunication science. Among these properties, security, performance and safety are crucial to the widespread adoption of IoT systems. This Special Issue welcomes theoretical and experimental papers, as well as industrial and experience reports, where techniques for the assessment of security, performance and safety have been successfully used in real applications. Specifically, this Special Issue includes, but is not limited to, the following topics:

- Analytical models, simulations and measurements for the assessment of quantitative properties of IoT systems.
- Dynamic analysis and testing of security, safety or performance of deployed IoT systems.
- Static analysis of security, safety or performance of IoT software.
- Software engineering techniques to enhance security, safety or performance of IoT systems.
- Runtime monitoring of IoT systems to detect anomalous, erroneous, and unpredicted behaviors.
- Case studies of IoT systems focused on the analysis of their security, safety, and/or performance.

Guest Editors

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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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