

## Special Issue

# Trust, Privacy, and Security in IoT Networks

### Message from the Guest Editor

This Special Issue, entitled "Trust, Privacy, and Security in IoT Networks", solicits original research articles, reviews, and case studies related but not limited to the following topics:

- Trust establishment and management in IoT environments.
- Privacy-preserving techniques for IoT data collection, transmission, and storage.
- Secure communication protocols for IoT devices and gateways.
- Identity and access management in IoT ecosystems.
- Threat modeling, risk assessment, and mitigation strategies for IoT networks.
- Blockchain and distributed ledger technologies for enhancing IoT security.
- Intrusion detection and prevention systems for IoT networks.
- Hardware and software co-design for secure IoT devices.
- Secure firmware and software updates in resource-constrained IoT devices.
- Machine learning and AI-based approaches for IoT security.
- Case studies and real-world implementations showcasing effective security practices.

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### Guest Editor

Dr. Antonio Muñoz

Department of Computer Science, University of Malaga, 29016 Malaga, Spain

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### Deadline for manuscript submissions

closed (15 November 2025)



## Sensors

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## About the Journal

### 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

Prof. Dr. Vittorio M. N. Passaro  
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