

Special Issue

Cyber-Security-Based Internet of Things for Smart Homes

Message from the Guest Editors

This Special Issue aims to present recent advances in new techniques for the cyber defense of smart homes, by taking advantage of recent developments in machine, deep and federated learning, distributed ledger technologies such as blockchain, as well as behavioral monitoring of IoT devices. Topics of interest include but are not limited to the following:

- Cybersecurity architectures for IoT and smart homes;
- Cybersecurity analytics platforms for IoT;
- Blockchain for IoT and smart homes;
- Machine and deep learning for the security of IoT;
- Behavioral monitoring of IoT;
- Federated IoT smart home infrastructures with focus on security and privacy;
- Cyberthreat intelligence;
- AI-based methods for malware and ransomware;
- Privacy and trust in IoT.

Guest Editors

Dr. Konstantinos Votis

Dr. Konstantinos M. Giannoutakis

Dr. Nikolaos Dimitriou

Deadline for manuscript submissions

closed (31 December 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/70280

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)