Special Issue

Innovative Approaches to Cybersecurity for IoT and Wireless Networks

Message from the Guest Editors

This Special Issue focuses on recent advancements, novel methodologies, and pioneering technologies applied in IoT and wireless cybersecurity. It will delve into topics such as AI in cybersecurity, quantum-free developments, blockchain applications for secure distributed data, secure IoT and wireless network architectures, attack technologies and adversarial behaviors in IoT and wireless networks, and privacypreserving techniques for distributed systems. In particular, we will examine the practical implications of these innovative approaches, discussing their effectiveness, limitations, and potential for enhancing real-world systems. We invite authors to submit original research and comprehensive reviews. We aim to foster robust dialogue on the cutting-edge methodologies being developed to safeguard wireless networks and IoT devices against cyber threats. We believe that this Special Issue will serve as a critical resource for anyone interested in the convergence of IoT, sensor technology, and cybersecurity, offering valuable insights into the current state of security in distributed systems and the pioneering strategies being developed to fortify them.

Guest Editors

Dr. Hannah Cao

Dr. William Spring

Dr. levgeniia Kuzminykh

Deadline for manuscript submissions

1 June 2026



Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/204499

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

mdpi.com/journal/ sensors





Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



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)

