Special Issue

Artificial Intelligence for Security and Privacy in Ad Hoc and Sensor Networks (AI-SPASN)

Message from the Guest Editors

The world—both living and inanimate—is becoming more and more interconnected via a complex web of networks and sensors, collecting rapidly growing volumes of increasingly complex multimodal data and serving wider varieties of smart entities—from smartwatches to smart cities.

The immense scope and value of collected data provides motivation for attackers to invest in vastly more capable hardware and software—the latter including AI-based means of attack. The exponential increase in attack capabilities calls for countering them with the smartest software that can be built: AI-based controls.

These AI-based defenses must be deployed to increase the security and privacy of users, networks, applications, and data by eliminating or at least reducing vulnerabilities, recognizing threats, and preventing attacks or at least detecting them at the earliest available opportunity.

This Special Issue concentrates on new methodologies, techniques, and tools for identifying vulnerabilities and threats to the security and privacy of ad hoc and sensor networks and countering attacks on them while using the power of AI.

Guest Editors

Prof. Leszek T. Lilien
Western Michigan University, Kalamazoo, Michigan, USA

Dr. Ganapathy Mani
Qualcomm Inc., San Diego, California, USA

Deadline for manuscript submissions

closed (30 September 2022)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/61003

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

mdpi.com/journal/sensors

MDPI

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)