



sensors



an Open Access Journal by MDPI

AI Applications in Smart Networks and Sensor Devices

Guest Editors:

Prof. Dr. Jae-Hoon Kim

1. Dept. of AI Convergence
Network, Ajou University, Suwon,
Korea

2. Dept. of Industrial Engineering,
Ajou University, Suwon 16499,
Korea

Dr. Woon-Young Yeo

Dept. of Information and
Communications, Sejong
University, Seoul 05006, Korea

Dr. Ricardo Jardim Goncalves

Faculty of Sciences and
Technology, New University of
Lisbon, UNINOVA, 2829-516
Caparica, Portugal

Message from the Guest Editors

Machine-generated data expansion is a global phenomenon in recent internet services. The proliferation of mobile communication and smart sensor devices has increased the utilization of machine-generated data significantly. According to Statista, there are about 30.9 billion interconnected devices in the world (until 2025). Their number is set to explode in the following years as internet consumption rises and new gadgets and machinery hit the market. With recent innovative network and chip technology, smart devices are becoming smarter with high computing power, bandwidth, and storage available on the devices. The data expansion and smart devices make the high availability of artificial intelligence on the massive networks. Edge networking for smart devices accelerates the usability of intelligent applications.

Deadline for manuscript
submissions:

closed (20 May 2023)



mdpi.com/si/91737

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

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)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)