



sensors



an Open Access Journal by MDPI

Engineering Applications of Artificial Intelligence for Sensors

Guest Editors:

Prof. Dr. Jarosław Kurek

Department of Artificial Intelligence, Institute of Information Technology, Warsaw University of Life Sciences, Nowoursynowska 159, 02-776 Warsaw, Poland

Prof. Dr. Bartosz Świdorski

Department of Artificial Intelligence, Institute of Information Technology, Warsaw University of Life Sciences, Nowoursynowska 159, 02-776 Warsaw, Poland

Deadline for manuscript submissions:

30 June 2024

Message from the Guest Editors

Artificial Intelligence (AI) is currently one of the most developing techniques in the engineering world and plays an important role worldwide. Thanks to the continuous development of machine learning, deep learning, etc. we constantly observe new applications of these techniques.

Artificial intelligence methods require a lot of data, which we often obtain from many types of sensors and sensory technology. The combination of these two areas: data obtained from sensors and artificial intelligence algorithms, creates an extremely interesting, future-proof and promising interdisciplinary research area.

This Special Issue provides an international space for the publication of papers describing the practical application of AI methods such as machine learning and deep learning in all aspects of engineering for sensors. Artificial intelligence techniques implemented in both open and closed code are acceptable. Artificial intelligence solutions based on cloud computing are particularly expected. This Special Issue aims to report innovative algorithms and applications of Artificial intelligence, machine learning, and deep learning to achieve improvement of life.



mdpi.com/si/148140

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 & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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