

Special Issue

Advanced Intelligent Sensor Based on Deep Learning

Message from the Guest Editors

Applications of advanced intelligent sensing and sensors are a rapidly developing, interdisciplinary, and challenging field with great practical importance and potential. In particular, when connected to advanced deep learning algorithms, these advances are relevant to enabling smarter and broader new technologies. Smart sensors use advanced signal processing techniques, sensor fusion methods, feature extraction techniques, and machine-learning/deep-learning algorithms to better understand sensor data, better integrate sensors, and better extract features to form measures that can be used in intelligent sensing applications. The goal of this Special Issue is to publish both recent innovative research results, as well as review papers on the Smart sensor applications. Potential topics include, but are not limited to, the following:

- Smart sensors with ambient computing systems
- Smart health systems
- Smart sensors for sustainable systems
- Electric nose applications based on smart sensors
- Smart sensors with automation
- Intelligent control systems
- Blockchain based systems
- Smart power system
- Supply chain systems

Guest Editors

Prof. Dr. Chung-Hong Lee

Prof. Dr. Chun-Lien Su

Dr. Mahmoud Elsis

Dr. Chien-Chang Chen

Deadline for manuscript submissions

closed (1 January 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/150690

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 9.4
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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)