

Special Issue

Computer Vision and Smart Sensors for Human-Computer Interaction

Message from the Guest Editors

The scope of this Special Issue covers fundamental technology used in electronic, mechanical, and electrical engineering. We are particularly interested in sensor techniques, including the applications of human-computer interaction based on computer vision. From a methodological point of view, the focus is on combining classical pattern recognition and deep learning techniques to create new computational paradigms for typical tasks in visual human-machine interactions, such as human pose detection, eye-tracking, and brainwave-controlled systems. On the practical side, we are looking for hardware and software components, used in electronic, mechanical, and electrical engineering. We invite papers focusing on the synthesis and integration of human-machine interfaces, the design of electronic devices, sensing technologies, the evaluation of various performance characteristics, and the exploration of their broad applications to industry, modeling and simulation, stimulation analyses, and so forth.

Guest Editors

Prof. Dr. Chern-Sheng Lin
Dr. Chih-Cheng Chen
Prof. Dr. Tang-Chieh Liu

Deadline for manuscript submissions

closed (10 September 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/144145

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 8.2
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)