

Special Issue

Sensors-Based Human Action and Emotion Recognition

Message from the Guest Editors

This Special Issue is to take this opportunity to introduce the current developments of sensor- and video-based human action and emotion recognition combined with machine learning, including computer vision, pattern recognition, expert systems, deep learning, and so on. In this Special Issue, you are invited to submit contributions of original research, advancement, developments, and experiments pertaining to machine learning combined with sensors. Therefore, this Special Issue welcomes newly developed methods and ideas combining data obtained from various sensors in the following fields (but not limited to these fields):

- HAER based on machine learning;
- Deep network structure/learning algorithm for HAER;
- HAER based on sensor fusion techniques based on machine learning;
- Face and gaze recognition for HAER;
- Multi-modal/task learning for HAER decision-making and control;
- HAER technologies in autonomous vehicles;
- State of practice, research overview, experience reports, industrial experiments, and case studies in HAER.

Guest Editors

Prof. Dr. ByoungChul Ko

Department of Computer Engineering, Keimyung University, Shindang-Dong, Dalseo-Gu, Daegu 704-701, Republic of Korea

Prof. Dr. Jong-Ha Lee

Department of Biomedical Engineering, Keimyung University, Daegu 42601, Republic of Korea

Deadline for manuscript submissions

closed (30 June 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/79784

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)