



sensors



an Open Access Journal by MDPI

Sensors-Based Human Action and Emotion Recognition

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, School of Medicine, Dalseo-gu, Korea

Deadline for manuscript submissions:

closed (30 June 2023)

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.



mdpi.com/si/79784

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](#)