



sensors



an Open Access Journal by MDPI

Sensor-Based Human Activity Monitoring

Guest Editors:

Dr. Edmond Shu-lim Ho

Department of Computer and Information Sciences,
Northumbria University,
Newcastle upon Tyne, UK

Dr. He Wang

School of Computing, University of Leeds, Leeds, UK

Deadline for manuscript submissions:

closed (28 February 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to connect researchers in the field of computer vision, machine learning and affective computing for human activity monitoring applications, such as surveillance, healthcare, etc. This issue will provide a state-of-the-art representation of algorithms and methods that progress the field of research and applications into sensor-based human activity monitoring.

Topics of interest include, but are not limited to, the following:

- Vision-based (RGB and/or depth) human activity understanding;
- Vision-based (RGB and/or depth) emotion recognition;
- Wearable sensors for human activity understanding;
- Wearable sensors for emotion recognition;
- Health monitoring systems;
- Deep learning for activity understanding;
- Multimodal Human Activity Recognition.



mdpi.com/si/63688

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 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 and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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