



sensors



an Open Access Journal by MDPI

Sensors for Activity Recognition

Guest Editors:

Prof. Dr. Michael Beigl

Institute of Telematics, Campus
Süd, Karlsruhe Institute of
Technology (KIT), 76131
Karlsruhe, Germany

Dr. Anja Exler

Karlsruhe Institute of Technology
(KIT), TECO/Pervasive Computing
Systems, 76131 Karlsruhe,
Germany

Deadline for manuscript
submissions:

closed (15 November 2020)

Message from the Guest Editors

The MDPI "Sensors" Journal special issue is seeking for contributions to a special issue on Sensors for Activity Recognition. The special issue will accept all facets of research in the area of sensor-based activity recognition, including novel sensing systems, methods and algorithms for model learning, applications and case studies, as well as open challenges and future research directions. In this Special Issue, particular emphasis will be given to the evaluation of these sensors and models, including objectives, metrics, tools, procedure, methodologies.

Topics of the special issue include but are not limited to:

- Sensing devices, systems and hardware for activity recognition (e.g., using mobile, wearable, or environmental sensors)
 - Sensor fusion in activity recognition
 - Tools and algorithms for activity recognition with focus on sensing
 - Real world application, experiences and evaluation with sensors for activity recognition
 - Dataset acquisition, annotation and validation based on sensors for activity recognition, including specific topics such as noise robustness...



mdpi.com/si/34485

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](#)