



*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](https://mdpi.com/si/34485)

**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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)