

# Special Issue

## Sensors for Activity Recognition

### 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...

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### Guest Editors

#### Prof. Dr. Michael Beigl

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

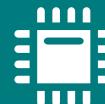
#### Dr. Anja Exler

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

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### Deadline for manuscript submissions

closed (15 November 2020)



## Sensors

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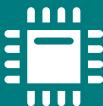


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## About the Journal

### 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.

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### 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

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