

Special Issue

Recent Trends in Human Activity Recognition Using Smartphones

Message from the Guest Editors

Human activity recognition (HAR) is a field of research that aims at defining and experimenting new techniques able to automatically recognize human activities exploiting signals recorded by sensors embedded in wearable and/or environmental devices.

The aim of this Special Issue is to attract high-quality, innovative, and original papers related to the field of human activity recognition that exploits, enhances, or optimizes the use of smartphones and other similar devices. Submissions may cover novel approaches and architectures, innovative algorithms, and machine-learning-based techniques, as well as experimental results and surveys of the literature. Topics of interest include but are not limited to the following:

- Sensors data fusion;
- Smartphones' power management and battery optimisation in HAR;
- Machine and deep learning solutions using smartphone sensors;
- Innovative HAR applications and architectures;
- Wellbeing supported by smartphones;
- M-Health;
- Smartphone-based HAR for Ambient Assisted Living.

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Deadline for manuscript submissions

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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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