



sensors



an Open Access Journal by MDPI

Wireless Sensors Networks in Activity Detection and Context Awareness

Guest Editors:

Prof. Dr. Juan M. Corchado

1. BISITE Research Group,
University of Salamanca, 37007
Salamanca, Spain
2. Air Institute, IoT Digital
Innovation Hub, 37188
Salamanca, Spain
3. Department of Electronics,
Information and
Communication, Faculty of
Engineering, Osaka Institute of
Technology, Osaka 535-8585,
Japan

Dr. Javier Prieto

BISITE Research Group,
University of Salamanca, 37007
Salamanca, Spain

Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editors

Dear Colleagues,

Nowadays, with the boom of Internet-of-Things (IoT) solutions, context-aware systems have become more commonly implemented in our surroundings, which is due to their reduced cost and ease of use and integration. Furthermore, wireless sensor networks (WSNs) are widely used to collect environmental parameters in homes, buildings, vehicles, etc., where they are a source of information that supports the decision-making process and, in particular, aids activity monitoring and learning. However, the rapid deployment of WSNs requires new solutions in both, machine learning algorithms that identify contexts and activities, and distributed computing architectures that enable the ingestion and processing of vast amounts of new data. Regarding the machine learning solutions, new clustering and classification techniques, reinforcement learning methods, or data quality approaches are required. [...]

For further information, please visit
www.mdpi.com/journal/sensors/special_issues/WSN_ADCA.

Prof. Dr. Juan Manuel Corchado Rodríguez
Dr. Javier Prieto Tejedor
Guest Editors



mdpi.com/si/13301

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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