



IoT-Based Systems for Intelligent Environments and Ambient Assisted Living

Guest Editors:

Prof. Dr. Miguel J. Hornos

Software Engineering
Department, Higher Technical
School of Computer and
Telecommunications
Engineering, Aynadamar
Campus, University of Granada,
18071 Granada, Spain

Prof. Dr. Carlos Rodriguez-Dominguez

Software Engineering
Department, Higher Technical
School of Computer and
Telecommunications
Engineering, Aynadamar
Campus, University of Granada,
18071 Granada, Spain

Prof. Dr. Juan Antonio Holgado-Terriza

Software Engineering
Department, Higher Technical
School of Computer and
Telecommunications
Engineering, Aynadamar
Campus, University of Granada,
18071 Granada, Spain

Message from the Guest Editors

This Special Issue aims to attract the latest research and findings in design, development and validation of IoT-based systems for Intelligent Environments (IEs) and Ambient Assisted Living (AAL). This includes, but is not limited to, using novel sensing, data processing, smart devices, algorithms, and software architectures to monitor and aid people to achieve their daily activities.

Topics of interest include, but are not restricted to:

- Cloud/Edge/Fog computing for healthcare systems;
- Ubiquitous and pervasive computing;
- Vital signal monitoring;
- Novel AAL systems;
- Multi-sensor data fusion;
- Smart sensor networks for AAL systems;
- Body sensor networks;
- Human activity recognition;
- User-centric computing for human-computer interaction;
- Multiagent and autonomous embedded agents;
- IoT Applications in healthcare and AAL;
- Novel sensors for monitoring health data;
- Context-awareness.



manuscript

June 2024)

mdpi.com/si/159831



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](#)