



sensors



an Open Access Journal by MDPI

Recent Advances in Active Assisted Living: Challenges in Architectures, Applications and Technologies

Guest Editors:

Prof. Dr. António Manuel De Jesus Pereira

Computer Science Department,
School of Technology and
Management, Computer Science
and Communications Research
Centre, Polytechnic of Leiria,
Campus 2, Morro do Lena-Alto do
Vieiro, Apartado 4163, 2411-901
Leiria, Portugal

Dr. Luís Frazão

Computer Science Department,
School of Technology and
Management, Computer Science
and Communications Research
Centre, Polytechnic of Leiria,
Campus 2, Morro do Lena-Alto do
Vieiro, Apartado 4163, 2411-901
Leiria, Portugal

Deadline for manuscript
submissions:

20 December 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to share recent advances and major trends towards the innovation of AAL systems. We invite researchers who are working on AAL to submit original and unpublished manuscripts addressing topics including (but not limited to) the following:

- Assistive technologies;
- Active and assisted living;
- Ambient assisted living;
- Health and safety;
- Future architectures and frameworks for AAL;
- Crowdsensing;
- Smart mobility;
- Digitalization of health systems and social services;
- E-government, e-governance and e-democracy;
- Smart homes environments and infrastructures;
- Device-free human activity systems;
- Internet of Things (IoT) for AAL;
- Blockchain applied to AAL;
- Cloud and edge computing for AAL;
- Digital twins applied to AAL;
- Smart environments in the context of AAL;
- Big data analytics for AAL;
- Machine learning and artificial intelligence for AAL;
- Architectures and future designs of AAL models;
- Services and applications for AAL;
- Devices, sensors and communication networks for AAL;
- AAL sensors and applications.



mdpi.com/si/146320

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](#)