



*sensors*



an Open Access Journal by MDPI

## Internet of Things for Ambient Assisted Living

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. Nuno Alexandre Ribeiro Costa**

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:

**closed (31 December 2021)**

### Message from the Guest Editors

In this Special Issue, we will cover IoT systems, architectures, and services related with AAL. We invite researchers who are working on IoT systems for AAL, ranging from smart object architectures and services to cloud computing, fog computing, and edge computing, among others, to submit their high-quality original manuscript for publication in this Special Issue.

- IoT for AAL: devices, communication networks, protocols, architectures, applications and services
- Big data and IoT data analytics
- Cloud computing, fog computing and edge computing
- AI and Edge AI for AAL
- Smart objects' architectures and services
- Security frameworks for IoT and AAL
- Cloud services and analytics
- Scalable and secure architectures for IoT
- Microservices and serverless environments
- Energy efficient architectures for IoT applications
- Intelligent home appliances
- Connected and secure homes
- Energy efficient protocols for IoT
- Software defined networks for AAL
- Virtual and augmented reality for AAL
- Robotics for AAL



[mdpi.com/si/42089](https://mdpi.com/si/42089)

# 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](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)