



## Ambient Assisted Living 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. 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 (30 November 2021)**



[mdpi.com/si/40778](https://mdpi.com/si/40778)

### Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we will cover the enabling technologies related to ambient assisted living. We invite researchers who are working on AAL, ranging from hardware and firmware to network technologies and network-enabled devices, to submit their high-quality manuscript for publication in this Special Issue.

The topics of interest include, but are not limited to, the following:

- e-Health sensors and/or actuators
- e-Health IT components
- Wearables, body sensor networks, smart portable devices
- Mobile assisted living
- Elderly patient monitoring
- Activity recognition systems and algorithms
- Human–computer interactions and interfaces
- Context-aware systems and algorithms
- Wireless body sensors and body sensor networks
- In-home wireless sensor networks
- Software-defined network (SDN)
- Embedded systems architectures
- Routing and control protocols
- Localization technologies and techniques
- Machine to machine communication
- 5g-enabled devices and services



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

## 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), CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

## Contact Us

*Electronics* 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/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)