

Special Issue

Smart Homes and Assisted Living for Ageing Population: From Sensors to Services

Message from the Guest Editors

This Special Issue welcomes submissions on recent findings and comprehensive reviews in the research, design, development, and evaluation through experimental activities of Ambient Assisted Living solutions and Smart Homes, and aimed at improving the health and quality of life of an ageing population. To reflect the multi-disciplinary nature of the target domain, this Special Issue solicits participation from different research areas, ranging from sensors and sensor networks, smart environments, wearable and pervasive computing, to data analytics, applications and service design, health sciences and experimental validation. We invite the submission of original and unpublished work addressing, though not limited to, the following research topics:

- Sensors, sensor infrastructures, and sensing technologies for Smart Homes and Ambient Assisted Living
- Internet of Things for Ambient Assisted Living
- Mobile sensing and monitoring for Ambient Assisted Living
- Activity recognition for monitoring and wellbeing promotion
- Behavioral analysis and anomaly detection
- Homecare monitoring systems
- Healthy lifestyle promotion
- Intelligent monitoring and user assistance in everyday settings
- Security in AAL and SH systems
- Experimental validation of applications and services for Ambient Assisted Living
- Living Labs and shared datasets

Guest Editors

Dr. Susanna Spinsante

Dr. Carlos Chiatti

Prof. Dr. Christopher Nugent

Prof. Ennio Gambi



Technologies

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.5



mdpi.com/si/13922

Technologies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
technologies@mdpi.com

[mdpi.com/journal/
technologies](https://mdpi.com/journal/technologies)





Technologies

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.5



[mdpi.com/journal/
technologies](https://mdpi.com/journal/technologies)



About the Journal

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

Prof. Dr. Manoj Gupta

Department of Mechanical Engineering, National University of
Singapore, Singapore 117576, Singapore

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, Inspec, Ei
Compendex, INSPIRE, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1
(Computer Science (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 19.1 days after
submission; acceptance to publication is undertaken in 3.6
days (median values for papers published in this journal in
the second half of 2025).