# Special Issue

# Artificial Intelligence for Ambient Assistive Living and Healthcare Solutions

### Message from the Guest Editors

Ambient assisted living (AAL) has a prominent role in improving scalability in healthcare services, making them reachable to older people, and keeping the user safe in their home environments. AAL can be applied as both a technical approach, related to the instruments used and how they are implemented in a system, and as an intelligent approach to data processing that models and incorporate a system architecture capable of gathering context high-level data from sensor data. Hence, artificial intelligence (AI) plays a significant role in AAL implementation. This Special Issue addresses different solution strategies using Artificial Intelligence for Ambient Assisted Living (AAL) and Healthcare Solutions. Topics of interest

- Artificial intelligence
- Neural networks
- Machine learning
- Ambient assisted living (AAL)
- Biomedical signals
- AI in health
- Medical image processing
- Ambient intelligence applications
- Cognitive assistants
- Smart systems
- Connected devices-home automation
- Connected healthcare
- m-Health
- User personalization and adaptation
- Ubiquitous computing
- Mobility and behavioral analysis
- Physiological signal monitoring and analysis

### Guest Editors

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### Deadline for manuscript submissions

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## Editor-in-Chief

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