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

Guest Editors:

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Deadline for manuscript submissions:
closed (31 January 2019)

Message from the Guest Editors

Dear Colleagues,

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 We invite the submission of original and unpublished work addressing, though not limited to, the following research topics: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

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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