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Smart Sensors and Measurements Methods for Quality of Life and Ambient Assisted Living

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Message from the Guest Editors

Ambient Assisted Living (AAL) encompasses systems, applications, and services that adopt sensing devices, measurement methods, and Information and communications technologies to address health and well-being needs, particularly for the aging population.

This Special Issue aims to highlight advances in development, testing, and modeling of smart wearable and ambient sensors, methods, and frameworks to measure health-related QoL and well-being of an individual, with particular focus on AAL domain and older adults. Topics include but are not limited to:

- Minimally obtrusive methods to measure physiological and health-related parameters in living environments
- Metrics and methods to measure health-related quality of life of older adults
- Accuracy of wearable and ambient sensors and impact of measurement uncertainty on performance of learning algorithms for AAL and well-being
- Sensing solutions for health-related quality of life, targeting older adults
- Metrological issues in health-related quality of life and well-being measurements
- Smart sensing and advanced signal processing (i.e., machine learning) in AAL
- Application-driven sensing solutions for living environments and AAL

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Message from the Editor-in-Chief

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