Special Issue

Sensing Technologies and IoT for Ambient Assisted Living

Message from the Guest Editor

In the past, many studies on ergonomic human behavior and daily living understanding were conducted by collecting data from a large number of people in a short period at laboratories, specialized institutions, and social events. However, it was difficult to detect individual changes sensitively and understand the situation considering the detection and the individual's situation. On the other hand, with the development of AI, and IoT in recent years, not only is ergonomic understanding using socially collected big data, but also a non-ergonomic understanding becomes possible: the detection of the individual change based on long-term time-series data measurements of individuals. In this Special Issue, we are looking for novel sensing techniques and data science methods related to the non-ergonomic understanding of human behavior and daily lives. Keywords: IoT; long-term monitoring; individual monitoring; smart home; behavior understanding at home; sensor network; elderly people support

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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