Special Issue

Fall Detection Based on Wearable Sensors

Message from the Guest Editor

Fall detection in the senior population has the potential of reducing healthcare costs, as well as improving the impact on the lives of every senior person. However, data on the senior population during falls are scarce or not possible to gather, so current models for fall detection are not accurate for their application. This Special Issue aims to gather ideas and methods that generate accurate values for wearable sensors, as well as other aspects of fall detection. These accurate samples should be as close as possible to wearable device data. Thus, this Special Issue calls for works that (i) generate plausible data of senior people falling from simulations, (ii) generate samples that follow the trajectory patterns of the senior population, and (iii) create mappings that generate data of senior falls from actual data of healthy participants (either young or senior). This topic fits into the scope of *Sensors* due to the sensor modeling and data analysis. For more details, please visit here.

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Message from the Editor-in-Chief

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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