

Special Issue

Inertial Sensors for Gait Recognition and Analysis

Message from the Guest Editors

Inertial sensors have been used over the years for multiple purposes (among them, gait and movement analysis). The amount of data available from devices based on inertial systems has grown exponentially, leading to the possibility of new developments and services based on specific aspects of human mobility. Wearable inertial systems can provide relevant information in different scenarios and applications (health, wellbeing, sport, home activity, etc.). Specifically, gait analysis is a topic that, due to the complexity of the movement itself, offers to clinicians valuable information for the study of multiple pathologies. Continuous gait analysis will allow the continuous monitoring of highly relevant aspects of people's health status or even continuous monitoring of rehabilitation processes. In this framework, we are pleased to edit this Special Issue on "Inertial Sensors for Gait Recognition and Analysis", which deals with analysis procedures applied to inertial sensors' data, covering from improvements in the devices' hardware to the embedded algorithmic set.

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