Special Issue

Advances in Wearable Technologies for ”In-Field” Assessment of Biomechanical Risk

Message from the Guest Editors

In recent decades, wearable technologies have been through exceptional improvements, which has allowed researchers to develop small size, lightweight, low power consumption devices at affordable cost, with the possibility to collect data on-board for long periods of time. Due to these characteristics, and to the fact that wearable sensors are mostly unobtrusive for workers, they gained significant popularity in the ergonomics context, where they are usually employed to assess various type of parameters associated with the development of occupational musculoskeletal disorders.

In this context, the aim of this collection is to gather contributions that are useful to better delineate benefits and criticalities of wearable technologies in their various forms for the continuous assessment of biomechanical risk factors in actual working environments where the development of occupational musculoskeletal disorders represents a critical issue.

This collection welcomes original research articles and systematic reviews focused on the use of wearable sensor and related data processing techniques for the continuous assessment of biomechanical risk factors in actual working environments.

Guest Editors

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Editor-in-Chief

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