Advances in Data Analysis for Wearable Sensors

Guest Editors:

Dr. Alberto Belli
Department of Information Engineering, Marche Polytechnic University, 60131 Ancona, Italy

Dr. Paola Pierleoni
Department of Information Engineering, Marche Polytechnic University, 60131 Ancona, Italy

Dr. Sara Raggiunto
Department of Information Engineering, Marche Polytechnic University, 60131 Ancona, Italy

Deadline for manuscript submissions:
closed (20 November 2022)

Message from the Guest Editors

Wearable sensors have drawn a lot of attention from research community during the last decade. They are increasingly used thanks to their unobtrusiveness, light weight, low cost, and ease of use for all-day and any-place. These technologies emerge in a wide range of applications for human motion analysis, such as Ambient Assisted Living, gait analysis, home-based rehabilitation, sport activities, etc.

The analysis of data generated from wearable sensors presents challenges in signal processing to provide reliable and relevant outputs. Therefore, innovative and intelligent solutions are needed to fully exploit this data.

In this context, this Special Issue of Applied Sciences on "Advances in Data Transmission and Analysis for Wearable Sensors" aims to connect researchers in the field of wearable sensors, focusing on data transmission and processing, in order to share ideas and conceptual approaches and to discuss the recent advances in this field, addressing innovative solutions and emerging issues. Topics of discussion include, but are not limited to, the exploration of new approaches in the areas of data transmission, data processing and data fusion in wearable sensors.

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us