



Data Processing and Wearable Systems for Effective Human Monitoring

Guest Editors:

Dr. Antonio Lanatà

Department of Information Engineering, School of Engineering, University of Pisa, Via Caruso 16, 56122 Pisa, Italy

Prof. Dr. Alberto Greco

Department of Information Engineering and Research Centre "E. Piaggio", School of Engineering, University of Pisa, Pisa, Italy

Dr. Nicola Vanello

Dipartimento di Ingegneria dell'Informazione, University of Pisa, 56126 Pisa, Italy

Deadline for manuscript submissions:

closed (30 September 2018)

Message from the Guest Editors

The last few decades have seen an unrestrained development of wearable and mobile technologies, such as smartphones, smartwatches, lightweight sensors, displays, cameras and interfaces for monitoring physiological signs, human behavior, social interaction, cognitive skills, lifestyles, etc.

These devices, that are now equipped with a significant amount of computational power, low-energy wireless communication, long-life battery and large-memory storage, allow novel avenues in the human-centered concept of enlarging the single-user model to a collaborative and distributed network. However, with regard to the current proposal of new miniaturized hardware devices and systems, issues surrounding processing, visualization, and storage of such large amount of available data are associated with the challenging discovery of hidden information.

This Special Issue aims at bringing together the significant, cutting-edge research findings in the field of wearable and mobile sensor design and signal processing to manage with data acquisition and processing issues in lab-settings and real ecological scenarios.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)