



an Open Access Journal by MDPI

Wearable Sensors in the Evaluation of Gait and Balance in Neurological Disorders

Guest Editors:

Prof. Dr. Antonio Suppa

Department of Human Neuroscience, Sapienza University of Rome, 00185 Rome, Italy

Prof. Dr. Fernanda Irrera

Department of Information Engineering, Electronics and Telecommunications, Sapienza University of Rome, Rome, Italy

Prof. Dr. Joan Cabestany

ISSET Research Group (Integrated Smart Sensors and Health Technologies), Department of Electronic Engineering, Universitat Politcnica de Catalunya, 08034 Barcelona, Spain

Deadline for manuscript submissions: closed (24 April 2020)

Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to contribute to this Special Issue of *Sensors* entitled "Wearable Sensors in the Evaluation of Gait and Balance in Neurological Disorders". The aim of this Special Issue is to collect the most up-todate information about the objective evaluation of gait and balance impairment, by means of biosensors (IMUs, etc), in patients with various types of neurological disorders including Parkinson's disease, dystonia, cerebellar ataxia, multiple sclerosis, stroke, and spasticity. We will accept full-length research articles and reviews focused on this research topic. We hope this initiative will encourage new ideas and produce unparalleled networking opportunities in the field.

Prof. Dr. Antonio Suppa Prof. Dr. Fernanda Irrera Prof. Dr. Joan Cabestany *Guest Editors*









an Open Access Journal by MDPI

Editor-in-Chief

Message from the Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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.

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), PubMed, MEDLINE,

PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases. Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sensors sensors@mdpi.com X@Sensors_MDPI