



sensors



an Open Access Journal by MDPI

Sensors for Rehabilitation, Telemedicine and Assistive Technology

Guest Editors:

Prof. Dr. Begoña Garcia-Zapirain

Department of Computer Science, Electronics and Telecommunications, University of Deusto, 48007 Bilbao, Spain

Prof. Dr. Adel S. Elmaghraby

Department of Computer Science and Engineering, University of Louisville, Louisville, KY 40292, USA

Dr. Daniel Sierra-Sosa

Department of Computer Engineering and Computer Science, Duthie Center for Engineering University of Louisville, Louisville, KY 40292, USA

Message from the Guest Editors

Today, especially due to the COVID-19 pandemic, many new telemedicine services have been launched. This affects many medical specialties, and from a technological point of view, it can include the use of sensors that allow the quantification of biological values that can help doctors to diagnose or miniaturize a patient's condition. In the particular case of rehabilitation activities, sensors play a key role in the evaluation and correction of these activities in real time.

In this framework, it is our pleasure to edit this Special Issue on "Sensors for Rehabilitation, Telemedicine, and Assistive Technology". The Special Issue is dedicated to presenting robust remote sensing data gathering, advanced artificial intelligence, and sound analysis procedures for deriving meaningful outcomes. Additionally, the use of innovative techniques such as quantum computing or block chain will be welcome if applied to telemedicine, rehabilitation or assistive technologies.

Deadline for manuscript submissions:

closed (31 December 2022)



mdpi.com/si/63554

Special Issue



sensors



an Open Access Journal by MDPI

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

Message from the Editor-in-Chief

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](#)