

Special Issue

Advanced Sensing Technologies for Tele-Assessment and Tele-Rehabilitation

Message from the Guest Editors

Recent advancements in sensing technologies, especially wearable technologies, have provided an unprecedented opportunity for tele-assessment and tele-rehabilitation. Sensing technologies such as motion trackers and physiological sensors, can measure (remotely) human movement and physiological signals, thus allowing us to predict a disease, objectively quantify the consequences of a disease, and finally deliver therapy. This is particularly important when we consider accessibility and affordability of these sensing technologies (e.g., smartwatches and smartphones). Additionally, combined with artificial intelligence, the large volume of data measured with these sensing technologies can answer questions, which was not possible before. Nevertheless, the application of sensing technologies is not limited to clinical settings, and they have been shown to be promising in many other settings such as sport engineering and ergonomics. Thus, this Special Issue aims to put together articles presenting recent advances, novel technologies and algorithms, technical and clinical applications, and finally challenges pertaining to sensing technologies for tele-assessment and tele-rehabilitation.

Guest Editors

Dr. Milad Nazarahari

Department of Mechanical Engineering, University of Alberta, Edmonton, AB, Canada

Prof. Dr. Christian Peham

Department for Companion Animals and Horses, University of Veterinary Medicine, Veterinärplatz 1, 1210 Vienna, Austria

Deadline for manuscript submissions

closed (30 November 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/138848

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

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)