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Smart Sensors Applications in Rehabilitation and Sport

Guest Editor:

Dr. Bruno Bonnechère

REVAL Rehabilitation Research
Center, Faculty of Rehabilitation
Sciences, University of Hasselt,
3590 Diepenbeek, Belgium

Deadline for manuscript
submissions:

closed (10 March 2024)

Message from the Guest Editor

Dear Colleagues,

The rapid development of novel technologies in recent years has opened up a whole field of unique possibilities in the healthcare sector, but also in sport for both performance assessment and injury prevention. Interestingly, there are possible transfers between the applications intended for the evaluation of performance in sports and those realized in the therapeutic framework. Therefore, we decided to focus on both aspects in this Special Issue in an attempt to reduce the gap between the two fields and to foster a translation.

This Special Issue aims to cover a wide range of topics surrounding rehabilitation and physical and sport activities, including novel sensor technologies for the assessment of the quality and quantity of motion during both rehabilitation and sport activities, the application prospects of sensors in exercise and sport activities and novel algorithmic approaches to derive, analyze and recognize exercise and rehabilitation activity sensor data. This Special Issue intends to be inter- and multidisciplinary in order to evaluate the different aspects of this expanding field.

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Special Issue



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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.

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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