

sensors



an Open Access Journal by MDPI

Objective Measurement of Movement, Human Physiology and Physical Activity Using Sensors

Guest Editors:

Dr. Caroline Sunderland

Sport Performance Research Group, Sport, Health and Performance Enhancement (SHAPE) Research Centre, Department of Sport Science, Nottingham Trent University, Nottingham, UK

Dr. Rachel Malcolm

Sport Performance Research Group, Sport, Health and Performance Enhancement (SHAPE) Research Centre, Department of Sport Science, Nottingham Trent University, Nottingham, UK

Dr. Daniele Magistro

Department of Sport Science, School of Science and Technology, Nottingham Trent University, 50 Shakespeare St, Nottingham NG1 4FQ, UK

Message from the Guest Editors

Dear Colleagues,

In recent years, sensors have been used for the objective measurement of movement, human physiology, and physical activity in a wide variety of settings. These have included sports performance, physical activity, and sedentary behavior research. Participants have ranged from elite athletes to clinical populations and young children to the elderly. This Special Issue aims to amalgamate the research which uses sensors to monitor human activity, behavior, and physiology to demonstrate the variety and impact of sensor research.

We welcome research that employs either wearable or environmental sensors from a range of disciplines. Examples include physiology; sport performance; physical activity; movement behavior; sedentary behavior; and physical behavior. We encourage original articles, reviews, perspectives, and letters.

Dr. Caroline Sunderland
Dr. Rachel Malcolm
Dr. Daniele Magistro
Guest Editors

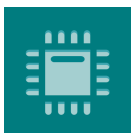
Deadline for manuscript submissions:

closed (31 July 2022)



mdpi.com/si/63614

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)