



Human Performance Sensing and Human-Structure Interactions

Guest Editors:

Prof. Dr. Kenneth Loh

Dr. Haeyoung Noh

Dr. Fernando Moreu

Deadline for manuscript
submissions:

31 July 2024

Message from the Guest Editors

Dear Colleagues:

This Special Issue of *Sensors* is soliciting contributions focused on human performance sensing and health monitoring, as well as sensing the interactions/interfaces between humans and artificial structural systems. Examples of specific topics of interest include:

(1) wearable Internet-of-Things (IoT) technologies and feedback mechanisms; (2) bio-marker, biochemical, and bio-molecular sensing; (3) understanding and modeling of structural responses induced by humans or animals; (4) monitoring human–structure interfaces that enhance system performance; (5) novel augmented/virtual reality and sensing data-visualization methods; (6) human-centric structural management methodologies; and (7) laboratory and field validation studies on human performance assessment and human–structure interactions.

Potential topics include but are not limited to:

- actuators
- behavior
- data visualization
- digital health
- human in the loop
- Internet-of-Things
- prehabilitation
- rehabilitation
- sensors
- structural performance
- wearable sensors





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](#)