



sensors



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Human Performance Sensing and Human-Structure Interactions

Guest Editors:

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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



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Special Issue



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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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