

## Special Issue

# Wearable and Mobile Sensing for Consumer Neuroscience, Neuroergonomics and Out-of-the-Lab Applications

### Message from the Guest Editors

Wearable and mobile sensing is a thriving and rapidly expanding field. Increasingly miniaturized wearable devices and sensors are now being used in a range of applications. The goal of this Special Issue is to present original research and review articles on the latest advances, technologies, solutions, applications, and future challenges in areas including but not limited to:

- Neuroimaging and neurophysiological techniques for consumer neuroscience, neuroergonomics and Digital Health applications: electroencephalography (EEG), functional near-infrared spectroscopy (fNIRS), heart rate (HR), galvanic skin response (GSR), eye tracking.
- Multimodal experimental paradigms incorporating virtual reality (VR) environments.
- Machine learning and artificial intelligence methods and algorithms that enable real-time decoding as well as offline neurophysiological and multi-modal data analysis.
- Technological advances for interfacing with the peripheral and central nervous system.
- Theoretical models and tools supporting translation efforts as well as the reliability and reproducibility of the findings.

### Guest Editors

Dr. Andrei Dragomir

Dr. Ahmet Omurtag

Dr. Stavros I. Dimitriadis

### Deadline for manuscript submissions

closed (31 May 2024)



## Sensors

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## 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.

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### Editor-in-Chief

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