

Special Issue

Deep Learning for Analysis of Physiological Data from Wearable Sensors

Message from the Guest Editors

Wearable sensors have recently gained attention due to their ability to measure and monitor physiological signals anytime and anywhere. These could potentially contribute to better management of chronic diseases such as diabetes, asthma, and cardiovascular diseases. With the emergence of deep learning, the hidden physiological features have been more accurately estimated. However, we also need to consider how the complicated deep learning computational resources are managed in the limited specification of wearable devices. This Special Issue is addressed to all the related topics for deep learning with physiological wearable sensors. Keywords:

- wearable sensors
- physiological data analysis
- deep learning
- model optimization
- power and energy management

Guest Editors

Prof. Dr. Jinseok Lee

Department of Biomedical Engineering, Wonkwang University School of Medicine, Iksan 570-749, Republic of Korea

Dr. Dwaipayan Biswas

Interuniversity Micro-Electronics Center, Leuven, Belgium

Deadline for manuscript submissions

closed (15 April 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/59655

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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 and Instrumentation) / CiteScore - Q1 (Instrumentation)