

Special Issue

Analysis of Medical Sensor Data with Machine Learning

Message from the Guest Editors

This Special Issue welcomes original scientific contributions, as well as case studies and reviews of the state-of-the-art, on the topics provided below in the context of the analysis of medical sensor data. Analysis can integrate concepts from different machine learning areas, including **data mining** and **knowledge discovery**, **data and knowledge representation**, the **extraction of new knowledge** and **data fusion**. Topics of interest include, but are not limited to:

- Data representation;
- Knowledge representation;
- Explainable AI methods;
- Decision support systems;
- Ontologies for sensor data;
- Analysis of data streams;
- Benchmarking of analysis methods;
- Sensor data repositories and curation;
- Advanced bio-signal processing and interpretation;
- Monitoring of vital functions with sensor and ICT systems;
- Wearable sensors and networks.

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Deadline for manuscript submissions

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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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