Analysis of Medical Sensor Data with Machine Learning

Guest Editors:

Dr. Aleksandra Rashkovska
Department of Communication Systems, Jožef Stefan Institute, Ljubljana, Slovenia

Dr. Dragi Kocev
Department of Knowledge Technologies, Jožef Stefan Institute, Ljubljana, Slovenia

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Message from the Guest Editors

Dear Colleagues,

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.

Special Issue

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

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