

Special Issue

Machine Learning and Sensor Technology for Hand Prosthesis Control

Message from the Guest Editors

With the recent advances in machine learning and the possibility of deploying its methods in embedded systems, new paradigms are being unlocked in signal processing and sensor technologies, notably when applied to hand prosthetic control. These novel technological tools allow researchers to reimagine human-machine interfaces and show great potential for overcoming the challenges of traditional hand prosthetic control technologies. This Special Issue of MDPI Sensors aims to collect original research papers and critical reviews that relate to current hand prosthetic topics such as:

- Wearable sensors and systems for hand prostheses;
- System design for patient acceptability;
- 1D and 2D EMG acquisition, analysis and processing;
- Machine learning in hand prosthetic control;
- Pattern recognition and machine learning for hand gestures;
- Neural networks for embedded control;
- Wireless low-power control;
- Other relevant topics.

Guest Editors

Prof. Dr. Mounir Boukadoum

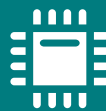
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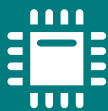


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Message from the Editor-in-Chief

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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