# Special Issue

# Electromyography (EMG) Signal Acquisition and Processing

## Message from the Guest Editors

This Special Issue addresses both EMG signal acquisition (electronics and electrodes) and processing techniques (analytic and machine learning), independently or jointly, employed within novel sensor solutions. Potential topics include, but are not limited to:

- EMG amplifiers;
- EMG electrodes;
- EMG signal digitalization;
- Wearable EMG sensors;
- EMG sensor applications;
- Multi-channel and high-density EMG recording;
- EMG signal characterization;
- Decomposition of EMG signal into individual motor units;
- Classification of human movements using EMG signals;
- Evaluation of human movement using EMG signals;
- Evaluation of the neuro-muscular system using EMG signals;
- Regression of joint forces, joint kinematics, and joint kinetics using EMG signals.

## Guest Editors

Dr. Nebojsa Malesevic

Department of Biomedical Engineering, Faculty of Engineering, Lund University, 223 63 Lund, Sweden

Dr. Anders Björkman

Department of Hand Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg and Sahlgrenska University Hospital, 413 45 Göteborg, Sweden

## Deadline for manuscript submissions

closed (31 July 2023)

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

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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.

## 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

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