

Special Issue

Sensing and Signal Processing Technologies for Outpatient Monitoring and Rehabilitation

Message from the Guest Editors

The ageing society and the growing prevalence of population diseases will stretch hospital capacity to the limits, and the increased use of outpatient solutions seems inevitable. Outpatient solutions have several medical benefits, such as faster rehabilitation and improved quality-of-life for patients, but they also pose technical challenges in terms of disease monitoring and rehabilitation progression as well as the identification of situations that require medical intervention. Most of the conceivable technologies rely on sensors and signal processing to some extent, and the associated science is the focus of this Special Issue. Topics include, but are not limited to:

- Sensing technologies for disease and rehabilitation monitoring;
- Wearable and ubiquitous sensing technologies;
- Model-based technologies for the estimation of disease and rehabilitation progress from sensor signals;
- Infrastructure solutions for the management of outpatient populations;
- Sensing technologies for rehabilitation and independence-improving technology such as cobots and exoskeletons.

For more details, please visit [here](#).

Guest Editors

Prof. Dr. John Rasmussen

Department of Materials and Production, Aalborg University,
Fibigerstraede 16, DK-9220 Aalborg East, Denmark

Dr. Arash Ghaffari

Interdisciplinary Orthopaedics, Aalborg University Hospital, 9000
Aalborg, Denmark

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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