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Assistance Robotics and Biosensors 2019

Guest Editors:

Dr. Andres Ubeda

HUman Robotics Group,
Universitat d'Alacant, Alicante,
Spain

Prof. Dr. Fernando Torres

Automatics, Robotics and
Computer Vision Group,
Computer Science Research
Institute, University of Alicante,
03690 Alicante, Spain

Prof. Dr. Santiago T. Puente

Automatics, Robotics and
Computer Vision Group,
Computer Science Research
Institute, University of Alicante,
03690 Alicante, Spain

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Message from the Guest Editors

In recent years, the use of robotics to help motor-disabled people has experienced a significant growth, mostly based on the development and improvement of biosensor technology and the increasing interest in solving accessibility and rehabilitation limitations in a more natural and effective way. For that purpose, biomedical signal processing has been combined with robotic technology, such as exoskeletons or assistive robotic arms or hands. However, efforts are still needed to make these technologies affordable and useful for end users, as current biomedical devices are still mostly present in rehabilitation centers, hospitals and research facilities.

This Special Issue is focused on breakthrough developments in the field of assistive and rehabilitation robotics, including current scientific progress in biomedical signal processing, robotic manipulation and grasping, mobile robotics, exoskeletons and prosthetics. Papers should address innovative solutions in these fields. Both review articles and original research papers are solicited.



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Special Issue



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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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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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