Special Issue

Sensors for Wearable Robots in Rehabilitation

Message from the Guest Editors

The healthcare sector is seeing a growing wave of digitalization and automation. Particularly for rehabilitation, the use of robots and sensors can greatly alleviate the increasing workload of therapists and caregivers, given the greying global population and manpower constraints in healthcare providers. The futuristic rehabilitation may mandate securing therapeutic efficiency and safety of rehabilitative intervention with minimizing human therapist's involvement. To cope with these hefty challenges, interactive human machine interface that can detect and amplify user's intention to control the actuator has been explored extensively. On top of that, there is an outstanding trend to adopt wearable devices which are more convenient for users to carry out rehabilitation therapy and are able to function as assistive devices in real-life situations. For detailed information, please visit here.

Guest Editors

Dr. Jeonghoon Lim

National University Hospital, National University of Singapore, Singapore, Singapore

Dr. Raye Chen-Hua Yeow

National University Hospital, National University of Singapore, Singapore, Singapore

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

mdpi.com/journal/sensors

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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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