

Special Issue

Robotic Platforms for Assistance to People with Disabilities

Message from the Guest Editors

Dear colleagues, Robotic platforms for providing assistance to people with disabilities are being developed with the aim of providing both rehabilitation treatment and assistance in improving their quality of life, mainly applied to people who have mobility problems or some type of functional disability. The impact and capacity of assistance of collaborative robotics in this area has continuously improved the healthcare world in aspects such as chronic disease prevention, saving time for professionals, and lower spending for public health. The important aspect in this sense is human–robot interaction. This topic demands sensitive and intelligent robotics platforms, equipped with complex sensory systems, high handling functionalities, safe control strategies, and intelligent computer vision algorithms. The Special Issue aims to cover recent advances in the field of robotic platforms to assist disabled people in daily or clinical environments. Papers should address innovative solutions in this field, including affordable assistive robotics devices, new techniques in control/computer vision for intelligent and safe human–robot interaction, etc.

Guest Editors

Prof. Dr. Carlos A. Jara

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

Dr. Juan Antonio Corrales Ramón

Singular Center for Research in Intelligent Technologies (CITIUS),
University of Santiago de Compostela, 15782 Santiago de Compostela,
Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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