Robotic Platforms for Assistance to People with Disabilities—Volume II

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Message from the Guest Editors

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 now. 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 to emphasize in these robotic assistance environments is the 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.

This 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, exoskeletons or exosuits to assist people with mobility problems, and so on.

Special Issue

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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.

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