

Special Issue

Design and Control of Collaborative Robotic Solutions and Wearable Assistive Robots to Enhance Human Capabilities

Message from the Guest Editors

Assisting and empowering humans in daily activities is urgently required in all application areas (industry, rehabilitation, etc.). Collaborative robots and exoskeletons are becoming intensively adopted, and there is a need to refine both design and control methodologies in order to achieve high performance and improve usability, to finally effectively apply such solutions in real applications. Advanced solutions are nowadays available for actuation, design solutions, and control algorithms, but many challenges are still present in such device development. This Special Issue aims to cover the current developments in the field, with a specific focus on actuation, mechanical/electrical design, and advanced control. Contributions from different application fields are welcome.

Guest Editors

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Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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