Special Issue

Recent Developments in Exoskeletons

Message from the Guest Editors

Exoskeleton research is being conducted in a variety of applications, including healthcare and rehabilitation, where exoskeletons show promise in aiding recovery from neurological and musculoskeletal disorders; industry and manufacturing, where they can enhance worker capabilities and reduce workplace injuries; military and defense; and assistive technology, empowering individuals with disabilities to regain mobility and independence. Despite the encouraging outcomes in each of these fields, there is not yet widespread use of exoskeletons in real-world applications. The acceptance of exoskeletons by the end user depends on the usability, intuitiveness, and reliability of the mechanical design, as well as accuracy and safety of the control.

This Special Issue aims to present an overview of recent developments in the field of exoskeletons with a focus on innovative design and control strategies that can improve the acceptance level of exoskeleton systems. Topics may include (but are not limited to) the following:

- Advanced Control Strategies
- Soft and Flexible Exosuits
- Bio-inspired Designs
- Human–Robot Collaboration
- Clinical Applications

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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

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