



## Advanced Technologies in Rehabilitation Robots: Design, Control, and Human–Robot Interaction

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Deadline for manuscript submissions:

**closed (20 December 2022)**

### Message from the Guest Editors

Dear Colleagues,

The objective of this Special Issue is to promote the most recent research and developments in rehabilitation robotics, including novel techniques for the design, simulation, sensing and control systems. Papers are welcome regarding all topics related to rehabilitation robotics, including, but not limited to:

- Mechanism synthesis, analysis, and design of rehabilitation robots.
- Wearable exoskeleton.
- Sensors designed for rehabilitation.
- Artificial intelligence technologies to monitor health condition.
- Advanced rehabilitation training methods.
- Compatibility improvement between human and rehabilitation robots.
- Impedance control and admittance control.

Dr. Kean C Aw

Dr. Mingjie Dong

*Guest Editors*





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## Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.

It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

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