



## AI for Robotic Exoskeletons and Prostheses

Guest Editor:

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

Dear Colleagues,

Artificial Intelligence (AI) is already a pervasive technology in ICT systems that is changing people's lives, encompassing digital voice assistance, smart homes, facial recognition, and chatbots. Simultaneously, robotic exoskeletons and prostheses have revolutionized the healthcare sector, assisting people with daily activities, especially in the last decade. This Special Issue aims to investigate the empowerment that AI can bring to robotic exoskeletons and prostheses by presenting innovative AI-based approaches for robot modeling, control, interaction, and application in real-world scenarios. We seek original contributions reporting on the development of AI-based solutions that improve the quality of life of people who use these types of robots from one or more perspectives. Contributions demonstrating superior and more innovative technological performance are also relevant to this Special Issue.

Dr. Claudio Loconsole  
*Guest Editor*





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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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