



## **Intelligent Mechatronics, Automation, Control Systems**

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Deadline for manuscript  
submissions:  
**closed (30 November 2022)**

### **Message from the Guest Editors**

Dear Colleagues,

Robotics and mechatronics have achieved rapid development and been widely used in many applications, such as in assistance, manufacturing, etc. The types of robotics and mechatronics include exoskeleton, machines, and automation systems. The rapid development of the market has put forward higher requirements for robotics and mechatronics in various aspects, including intelligence, perception, control, autonomy, and so on.

The main objective of this Special Issue is to bring together researchers from both the academia and industry areas to present recent advancements and challenges in the field of robotics and mechatronics, including mechanical design and kinematics modeling, state-of-the-art perception and sensing systems, artificial intelligence algorithms, and human-robot interaction in the related scenarios, advanced control methods to enhance robots' autonomy, and challenges. Furthermore, the combination of theories, new techniques, scientific and engineering solutions, prospects for future research, and applications in medical robotics will also be provided.





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6201-001 Covilhã, Portugal

## Message from the Editor-in-Chief

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There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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*Machines* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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