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## **Flexible Mechanisms in Robot Design and Application**

Guest Editors:

**Prof. Dr. Samia Nefti-Meziani**

School of Engineering, College of  
Engineering and Physical  
Sciences, University of  
Birmingham, Birmingham B15  
2TT, UK

**Dr. Steve Davis**

School of Engineering, College of  
Engineering and Physical  
Sciences, University of  
Birmingham, Birmingham B15  
2TT, UK

Deadline for manuscript  
submissions:

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

In recent years, there has been a notable shift in interest from robots and automation equipment being formed exclusively from solid structures and rigid materials. Instead, there is increased interest in forming machines from flexible and soft materials and using variable stiffness and compliant actuation to form more flexible mechanisms. There are a range of advantages offered by flexible mechanisms including increased safety when operating alongside human, enhanced deployability, energy storage, and other improved abilities compared to traditional robot designs.

This Special Issue aims to discuss the state of the art in the design of flexible robotic mechanisms. It will also include papers highlighting the application of flexible robot systems, particularly where they provide advantages when compared to more traditional mechanism designs.



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# **Special** Issue



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Cardoso**

CISE—Electromechatronic  
Systems Research Centre,  
University of Beira Interior,  
Calçada Fonte do Lameiro, P -  
6201-001 Covilhã, Portugal

## **Message from the Editor-in-Chief**

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

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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