

Special Issue

Soft Robotics: Fusing Function with Structure

Message from the Guest Editors

This is an invitation to submit your work to this journal Special Issue dedicated to soft robotics. The advent of soft material technologies in robotics has brought many distinct advantages, such as inherent compliance, safety, high manoeuvrability, and reconfigurability. Along with these advantages, the past years have seen many interesting applications for soft robots in areas such as surgical robotics, extreme environments, and logistics and material handling. Despite these rapid developments, many challenges that are key to the widespread adoption and efficient utilization of novel soft material technologies are still outstanding. A major challenge that lies at the core of the field of soft robots is the fusion and integration of different functions with the soft robot body. To serve as a focal point for discussing this grand challenge of “Fusing Function with Structure in Soft Robotics”, we welcome original research articles and topical reviews related to but not limited to the following topics of interest.

Guest Editors

Prof. Dr. Kaspar Althoefer

Dr. Hareesh Godaba

Dr. Ahmad Ataka

Deadline for manuscript submissions

closed (29 February 2024)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Marco Ceccarelli

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