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Recent Advances and Future Trends in Flexible Robots

Guest Editors:

Prof. Dr. Fujun Wang

Dr. Yanling Tian

Prof. Dr. Yanding Qin

Dr. Cunman Liang

Deadline for manuscript submissions:
closed (20 December 2022)

Message from the Guest Editors

Dear Colleagues,

Flexible robots have been widely used in fields such as ultra-precision manipulation and fabrication, micro/nano characterization, and biomedical engineering. Flexure-based mechanisms, flexible robots, soft robots, and their applications are hotspots in academia and industry. Precision motion and force sensing are very important for flexible robots. Meanwhile, there are still some challenges in terms of the design and modeling, actuation and sensing method, and control strategy. Accordingly, this Special Issue seeks to show research papers, communications, and review articles that focus on the latest results and findings in flexible robots and systems, sensors for flexible systems, soft robot systems, and their applications.

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Message from the Editor-in-Chief

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