



New Trends of 3D Printed Soft Robotics

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Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

Soft robotics has gained enormous momentum in the last decade, addressing great challenges across multiple disciplines, including material science, all engineering disciplines including biomedical, computer science, and social sciences. Such grand challenges find potential solutions in extraordinary applications of soft robots where additive manufacturing (aka 3D printing) has created further possibilities to realize these technological means in various directions:

- Multi-material structures including grading material properties such as stiffness and texture,
- Monolithic robots,
- Bio-inspired robots,
- Conformal grippers and
- Wearable technologies including 3D printed sensors and actuators, stretchable electronics.

This Special Issue encourages the submission of contributions from all fields of soft robotics utilizing 3D printing in any stage of their development.

Dr. Rahim Mutlu
Guest Editor

