

Soft Inflatable Robots and Continuum Robots for Confined Space Navigation, Manipulation, and Human Interaction

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3D Motion of Soft Growing Robots

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Touch Sensing for Soft Growing Robots

M. Mitchell, C. McFarland, and M. M. Coad, "Soft Air Pocket Force Sensors for Large Scale Flexible Robots" in *IEEE International Conference on Soft Robotics*, 2023.

Everting Toroidal Robots

N. G. Badillo Perez and M. M. Coad, "Self-Propelled Soft Everting Toroidal Robot for Navigation and Climbing in Confined Spaces," in *IEEE International Conference on Intelligent Robots and Systems*, 2022, pp. 5409-5415.

Spider Monkey Tail Inspired Manipulator

M. Doerfler, K. Schäffer, and M. M. Coad, "Hybrid Soft-Rigid Continuum Robot Inspired by Spider Monkey Tail," in *IEEE International Conference on Soft Robotics*, 2023.

Soft Everting Body-Powered Prosthetic Hand

G. Park and M. M. Coad, "Soft Inverting-Everting Body-Powered Prosthetic Hand" (submitted).

Soft Pneumatic Wrist Exosuit

K. Schäffer, Y. Ozkan-Aydin, and M. M. Coad, "Soft Wrist Exosuit Actuated by Fabric Pneumatic Artificial Muscles" (in preparation).