



Mechanical Robotic Systems: Modeling, Simulation, Design, and Control

Guest Editor:

Prof. Dr. Yildirim Hurmuzlu

Department of Mechanical
Engineering, Southern Methodist
University, Dallas, TX 75205, USA

Deadline for manuscript
submissions:

closed (31 July 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue is intended to bring together a collection of scholarly research articles that deal with mechanical systems with emphasis on innovative actuation, sensing, design, and control approaches in the field of robotics. We invite papers that deal with topics such as locomotion, object manipulation, miniaturization, navigation in unstructured environments, self-configuration, and deep learning that arise in developing the makeup of modern robotic mechanisms. Articles with sound dynamics and control theoretical foundation as well as experimental components are especially welcome. Submissions are encouraged but are not limited to the following topical areas:

- robotics
- locomotion
- object manipulation
- miniaturization
- actuation
- sensing

