

## Special Issue

# Control Systems in Biped Robots

### Message from the Guest Editor

This Special Issue is a collection of high-quality research papers in the areas of the control systems in biped robots. The topic includes but is not limited to control systems, kinematics and dynamics, design and modelling, walking gait generation, computer vision, and artificial intelligence. The papers should be full research papers or review papers that address the latest challenges and advances in this field with original ideas, novel solutions, sound methodologies, and convincing validations.

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### Guest Editor

Dr. Chao Chen

Department of Mechanical and Aerospace Engineering, Monash University, Clayton, VIC 3800, Australia

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### Deadline for manuscript submissions

closed (31 May 2021)



## Actuators

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*Actuators*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[actuators@mdpi.com](mailto:actuators@mdpi.com)

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## About the Journal

### Message from the Editorial Board

We are just entering the Next Wave of Technology (NWT) where actuators will play the same role as the computer chip did for computers/social media approximately four decades ago. Just in the U.S., production of \$1 trillion year of electromechanical systems (vehicles, orthotics, manufacturing cells, freight trains, aircraft, etc.) will be impacted by the NWT, all driven by actuators. Five key trends can be found for the future perspectives: “Performance to Reliability”, “Hard to Soft”, “Macro to Nano”, “Homo to Hetero” and “Single to Multi functional”. We invite papers that primarily impact these economic sectors; those illustrating basic scientific principles are also welcome.

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### Editors-in-Chief

Prof. Dr. Kenji Uchino

Electrical Engineering, Emeritus Academy Institute, Pennsylvania State University, University Park, PA 16802, USA

Prof. Dr. Norman M. Wereley

Department of Aerospace Engineering, University of Maryland, 3179J Martin Hall, College Park, MD 20742, USA

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