

# Topical Collection

## Recent Advances in Mechanical Systems Dynamics

### Message from the Collection Editor

This Topical Collection aims at disseminating the latest research achievements, findings, and ideas in mechanical systems dynamics with particular emphasis on the applications which are strongly integrated with other systems and require a multiphysical approach. Papers are welcome on topics that are related to theory, practice, and applications of mechanical systems dynamics, including but not limited to the following:

- The identification and dynamics of multibody systems;
- The dynamics of automatic machinery;
- Dynamics stability and control of vehicles;
- The dynamics and control of robots;
- Innovative robots;
- Medical robotics (surgery, rehabilitation);
- The dynamics of multiphysics systems;
- The dynamics of energy harvesters.

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### Collection Editor

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## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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