

Special Issue

Mechatronics System Design in Medical Engineering

Message from the Guest Editors

This Special Issue focuses on mechatronics systems design, which combines knowledge from electronics, control, materials, manufacturing, and modeling to simulate and implement novel products and devices within the medical engineering domain. Topics of interest for this Special Issue include, but are not limited to:

- Mechatronics systems control;
- Programming in control and mechatronics;
- Image processing applied in mechatronics and medical engineering;
- Artificial intelligence applied in mechatronics and medical engineering;
- Modeling and simulation of products in medical engineering;
- Prototyping and deployment;
- CAD/CAM and FEA;
- Additive manufacturing;
- Optimal design of mechatronic systems;
- Redundant parallel robots;
- Reverse engineering in medical applications;
- Modern trends in parallel robots for medical applications;
- Internet of Things in medical engineering;
- Biomaterials used in medical engineering;
- Composite materials for medical structures;
- Monitoring sport and physical activity—measurement and evaluation.

Guest Editors

Dr. Florin Popișter

Dr. Sergiu Dan Stan

Dr. Nikola Vitković

Dr. Milan Banić

Deadline for manuscript submissions



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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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