



Advances in Applied Mechatronics, Volume II

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Deadline for manuscript
submissions:

closed (31 August 2024)

Message from the Guest Editors

Dear Colleagues,

Following the success of our previous Special Issue,
“Advances in Applied Mechatronics”

(https://www.mdpi.com/journal/machines/special_issues/a)
we are pleased to announce the next in the series,
entitled “Advances in Applied Mechatronics, Volume
II”.

This Special Issue welcomes high-quality original
research and review articles that cover a broad range
of topics related to theoretical and applied aspects of
modern mechatronics.

Potential topics include, but are not limited to, the
following:

- Advanced smart automation technologies in mechatronics;
- MEMS dynamics and control;
- Sensor design and data collection approaches;
- Model-based mechatronic system design;
- Mechatronics and smart manufacturing systems;
- Computational intelligence in mechatronic systems;
- Artificial intelligence in mechatronic systems;
- Mechanism synthesis, analysis, and design;
- Modeling, control and optimization of complex mechatronic systems;
- Novel robotic systems;
- Intelligent health monitoring and supervisory control of mechatronic systems;
- Medical mechatronics for healthcare.





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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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