



Design, Modeling and Control of Advanced Mechatronic Systems

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Message from the Guest Editors

This Special Issue aims to report and release high-impact research that expands our knowledge on the design, modeling and control of advanced mechatronic systems. We invite high-quality research that investigates this topic in one of the following areas: hydrodynamic modelling, intelligent control algorithm, hydraulic transmission and control, machinery design and manufacturing, medical apparatus and instruments, automotive engineering, energy resource transportation, advanced detection technology, robot technology, vibration and isolation and other mechatronics engineering. The following are keywords relevant to the research:

- Hydrodynamic modelling;
- Intelligent control algorithm;
- Hydraulic transmission and control;
- Machinery design and manufacturing;
- Medical apparatus and instruments;
- Automotive engineering;
- Energy resource transportation;
- Advanced detection technology;
- Robot technology;
- Vibration and isolation;
- Mechatronics engineering





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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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