

## Special Issue

# Selected Papers from The 11th International Conference on Advanced Mechatronic Systems (ICAMechS 2021)

### Message from the Guest Editors

The 11th International Conference on Advanced Mechatronic Systems (ICAMechS 2021) will be held in Tokyo, Japan, December 9–12, 2021. It provides an international forum for professionals, academics, and researchers to present the latest developments from interdisciplinary theoretical studies, computational algorithm development and applications of mechatronic systems. It particularly welcomes those emerging methodologies and techniques which bridge theoretical studies and applications in all mechatronic systems. Novel quantitative engineering and science studies may be considered as well. Papers are solicited on all aspects of research and application, including but not limited to:

- Intelligent mechatronics, robotics, automation, and control systems;
- Control system modeling and simulation techniques and methodologies;
- Biomedical and rehabilitation engineering;
- Industrial automation, process control, manufacturing process and automation;
- CAD/CAM/CAE/CAP and manufacturing systems;
- AI, intelligent control and fuzzy control;
- Signal and image processing and pattern recognition in mechatronic systems;
- Wind energy conversion systems;

### Guest Editors

Prof. Dr. Mingcong Deng

Prof. Dr. Takao Sato

Dr. Changan Jiang

Dr. Lin Meng

### Deadline for manuscript submissions

closed (15 September 2022)



## Machines

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
CISE - Electromechatronic Systems Research Centre, University of  
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