



## Selected Papers from Advances of Japanese Machine Design

Guest Editors:

**Prof. Dr. Yukio Takeda**

Department of Mechanical Engineering, School of Engineering, Institute of Science Tokyo, 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8552, Japan

**Prof. Dr. Kenji Hashimoto**

Department of Mechanical Engineering Informatics, Meiji University, 1-1-1 Higashi-Mita, Tama-ku, Kawasaki-shi, Kanagawa 214-8571, Japan

**Prof. Dr. Giuseppe Carbone**

Department of Mechanical, Energy and Management Engineering, Università della Calabria, 87036 Rende, Italy

Deadline for manuscript submissions:

**closed (31 August 2020)**

### Message from the Guest Editors

Dear Colleagues,

Research activities of the Japanese Council of IFToMM mainly focus on the theory, design, practice, and application of mechanism and machine design. Several international collaborative works have been done and are being extended with several partners. This Special Issue contains a selection of the best papers presented at the 25th Jc-IFTToMM Symposium 2019 (2nd International Jc-IFTToMM Symposium) on recent advances in the research areas covered by IFTToMM. Novel results and solutions in the broad field of machine design, achieved in Japan as well as with international collaborations mainly within the IFTToMM community, are presented.

Prof. Dr. Yukio Takeda

Prof. Dr. Kenji Hashimoto

Prof. Dr. Giuseppe Carbone

*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Antonio J. Marques  
Cardoso**

CISE—Electromechatronic  
Systems Research Centre,  
University of Beira Interior,  
Calçada Fonte do Lameiro, P-  
6201-001 Covilhã, Portugal

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Machines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/machines](http://mdpi.com/journal/machines)  
[machines@mdpi.com](mailto:machines@mdpi.com)  
[X@Machines\\_MDPI](https://twitter.com/Machines_MDPI)