Special Issue

Advancements in Mechanical Power Transmission and Its Elements

Message from the Guest Editors

Mechanical power transmission plays a pivotal role in various industries, enabling the efficient transfer of power from a source to a driven load. The continuous advancement of technologies and innovative elements in this field has revolutionized the performance, reliability, and sustainability of power transmission systems. This Special Issue aims to collate research that addresses the recent developments and emerging trends in mechanical power transmission, focusing on the advancements in its elements and the integration of novel technologies. It seeks to provide a comprehensive platform for researchers and industry professionals to share their knowledge, insights and experiences in this pivotal area. Potential subtopics for this Special Issue include, but are not limited to, the following:

- Next-generation Gearing Systems.
- Bearings and Rolling Element Technologies.
- Innovative Drivetrain Designs.
- Cutting-edge Couplings and Clutches.

Guest Editors

Dr. Gang Li

Prof. Dr. Weidong Zhu

Dr. Yawen Wang

Prof. Dr. Jing Wei

Deadline for manuscript submissions

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

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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.

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

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