

Special Issue

Modern Research of Gears and Power Transmission

Message from the Guest Editors

This Special Issue is devoted to modern research on gears. To meet the need for better gear performance, a comprehensive understanding of all damage mechanisms and other related physical properties of the used materials and their behavior in real-life applications is required. The purpose of this Special Issue is to present the most recent insights related to the engineering properties of gear types, various materials, modern testing, and use of sensors, including all aspects of their behavior during production and operation. The scope of this Special Issue includes but is not limited to the topics outlined in the keywords.

Guest Editors

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Dr. Stefan Schumann

Deadline for manuscript submissions

closed (31 January 2024)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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