



Lubricity and Wear of Alternative Engine Fuels and Lubricants

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Deadline for manuscript
submissions:

closed (20 October 2022)

Message from the Guest Editors

This Special Issue invites contributions on the latest developments and new perspectives on the tribological aspects of alternative fuels in engines from the wider community. Topics will cover but are not be limited to:

- Preparation of alternative engine fuels ;
- Physical and chemical properties of alternative engine fuels;
- Cavitation and erosion of fuel pump;
- Lubricity of alternative engine fuels;
- Selection and application of green lubricants in engines;
- Molecular simulation of wear mechanism of alternative engine fuels;
- Tribo-measurement of alternative engine fuels;
- Tribo-catalyzation on rubbing surfaces;
- Exhaust emissions of alternative engine fuels;
- The role of soot in friction and wear;
- Corrosion behavior of alternative engine fuels (metals, polymers, and other materials).

You can know more information via the following link:

https://www.mdpi.com/journal/applsci/special_issues/Lubricity_Wear_Alternative_Engine_Fuels_Lubricants





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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.

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