Special Issue

Optimal Design of Heavy Vehicles

Message from the Guest Editor

The aim of this Special Issue is to present emerging technologies applicable for the design, modeling and optimization of heavy vehicles and their components. Therefore, it focuses on the promotion and application of new concepts, approaches and pioneering techniques that lead to optimal heavy vehicle performance in terms of mobility, safety, handling, ride quality, stability, reliability, efficiency, as well as economy and impact on environment. Topics of interest for publication include but are not limited to:

- Dynamics of heavy vehicle systems and their components;
- Computer-aided modeling and simulation, validation, parameter identification and testing in heavy vehicles;
- Heavy vehicle interactions with the environment including tire–ground behavior;
- Intelligent heavy vehicles.

We therefore invite papers on innovative technical developments, reviews, case studies, as well as papers from different disciplines relevant to the optimal design of heavy vehicles, their components and superstructures.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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