



Optimal Design of Heavy Vehicles

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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