

Special Issue

Flexible Vehicle Platforms and Energy Management Systems for Medium- and Heavy-Duty Electric Vehicles

Message from the Guest Editors

The commercial haulage sector is expected to continue growing in the upcoming decades, especially with medium- and heavy-duty vehicles for road transport. Alongside the environmental concerns, the steadily growing demand poses logistical and increasingly more complex transportation challenges. In order to meet both the environmental and technical-operational-economic targets for these applications, a holistic research approach tackling the challenges on different levels is required. Important research topics for these applications and in this context include powertrain design optimization techniques, component and system modelling approaches and digital twins, artificial intelligence and machine learning algorithms, and powertrain component innovations and play a key role in the future developments and generations of energy-efficient and cost-effective vehicle powertrains. The objective of this Special Issue is to collect the recent developments and insights of the worldwide research community and experts and bring this knowledge together to present and discuss the recent advances in the optimization of the powertrain's design.

Guest Editors

Prof. Dr. Omar Hegazy

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Deadline for manuscript submissions

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About the Journal

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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