Special Issue

Simulation and Optimization of Vehicle Dynamics System

Message from the Guest Editor

We would like to invite you to submit your research achievements to a Special Issue of *Energies*, titled "Simulation and Optimization of Vehicle Dynamics Systems". Vehicle dynamics simulation and virtual verification and optimization have been well developed in recent decades and have more recently become increasingly important for the development and virtual verification of control software for driving automation, driver assist functions, and vehicle motion control. This Special Issue will focus on the most recent achievements in the theory and practice of vehicle dynamics simulation and optimization, especially for vehicle dynamics motion control, driving automation, energy efficiency optimization, and other applications. Topics of interest for publication include but are not limited to the following:

- Verification and validation of simulation models;
- Software- and hardware-in-the-loop simulation;
- Co-simulation and model coupling;
- Vehicle dynamics modeling and simulation;
- Vehicle dynamics controllability and stability analysis;
- Verification and testing of vehicle dynamics control software.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2023)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/70786

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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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