



Simulation and Optimization of Vehicle Dynamics System

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Message from the Guest Editor

Dear Colleagues,

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.



Dr. Matthijs Klomp
Guest Editor



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Message from the Editor-in-Chief

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