

Special Issue

Vehicles Dynamics and Propulsion Technologies

Message from the Guest Editor

Papers are invited in all these areas (but are not limited to them), as they are multidisciplinary topics involving economic and vehicle aspects as well. Both theoretical and experimental works are welcome, especially those including validation with real-world data or experiments. Recently, interest in data-driven modelling, decision making, and traffic optimization has been raised; therefore, papers exploring the utility of vehicle dynamic control in these topics are also encouraged. The topics of interest within the scope of this research topic include the following:

- Vehicle System Dynamics
- Vehicle dynamics control strategies
- Guideway-Vehicle coupling nonlinear dynamics
- Control and optimization of propulsion system
- Application of AI and Reinforcement learning to propulsion system
- Models, simulators, and test beds for propulsion system
- Automated driving and autonomous vehicles
- Risky behavior modelling and analysis for Propulsion system
- New vehicle design concept

Guest Editor

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Deadline for manuscript submissions

closed (1 March 2023)



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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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