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Modeling and Simulation of Electric Vehicle, Hybrid Electric Vehicle, and Intelligent Vehicle Dynamics

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Deadline for manuscript submissions:
closed (16 November 2024)

Message from the Guest Editors

This Special Issue calls for papers that explore the dynamic modeling, simulation, and analysis of electric vehicles, hybrid electric vehicles, and intelligent vehicles in complex driving scenarios.

We invite authors from all fields of science that fall under the broader umbrella of electric vehicles, hybrid electric vehicles, and intelligent vehicles, including but not limited to the following:

1. All aspects of induction electric vehicle, hybrid electric vehicle, and intelligent vehicle dynamics.
2. Modeling, simulation, and analysis of electric vehicles, hybrid electric vehicles, and intelligent vehicles.
3. Electric motor/generator technologies for electric vehicles, hybrid electric vehicles, and intelligent vehicles.
4. Energy management, speed planning, eco-driving control, and dynamic control (in the field of intelligent electric vehicles).
5. Novel applications of electric vehicles, hybrid electric vehicles, and intelligent vehicles.
6. Vehicles for safety-critical applications.
7. Online and offline condition monitoring techniques of vehicles.
8. Optimal design methodologies of vehicles.

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Message from the Editor-in-Chief

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