

Special Issue

Dynamics Modelling and Control of Electrified Chassis for Intelligent Vehicles

Message from the Guest Editors

The aim of the Special Issue is to report the latest academic research results, including innovative technical research, engineering developments cases, technical reviews, as well as analytical and assessment papers from different disciplines that are relevant to the topic of chassis-by-wire technologies for future intelligent electric vehicle applications. Hence, both regular technical articles and review articles are welcomed. The scope of the research topic includes but not limited to:

- Design and dynamics modeling of active chassis actuator systems;
- Dynamic response analysis and control of active chassis actuators;
- Smart actuators' advanced control for synthesizing efficiency and functional safety;
- Driving/braking force allocation and vehicle dynamics performance evaluation;
- Chassis dynamics control systems coordination and integration of IEVs;
- Decision making and trajectory planning in complex and urgent scenarios;
- State estimation and parameter identification for advanced motion control.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

Editor-in-Chief

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