



Optimization-Based Energy Management Strategy for Hybrid-Electric Vehicles

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2020)

Message from the Guest Editor

Dear Colleagues,

Vehicle weights have been increasing, initially driven by progress in crashworthiness, and lately by the electrification of the vehicles. This additional weight increases the overall energy demand, resulting in reduced range and increased emissions. Limited raw materials combined with the need to reduce emissions, driven by the socio-political agendas requires manufacturers to devise systems that are more energy efficient.

Submissions can address the conceptual and applied research in hybrid-electric vehicles with focus on topics including, but not limited to, the following:

Powertrain energy efficient; Impact of parasitic and comfort load on overall powertrain energy management; Impact of battery technology on powertrain management; Vehicle trajectory prediction and energy management;

Keywords: Optimization; Hybrid electric vehicle; Intelligent; Adaptive; Predictive; Safe; Secure; Power train; Parasitic load; Comfort load

Welcome to contribute.





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Editor-in-Chief

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Message from the Editor-in-Chief

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