



Electric Vehicles

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue is focused on the recent advances in Electric vehicles (EVs), and includes, but is not limited, to the following topics:

- Optimized design of EVs
- Propulsion systems for EVs
- Hybrid energy systems for EVs
- Energy storage systems for EVs
- Charging stations/systems for EVs: wired charging systems, wireless power transfer systems
- Applications: bicycles, motorcycles, cars, buses, trains, tramways
- Operation of EVs in smart grids/smart homes: Vehicle-to-grid (V2G), vehicle-to-home (V2H), grid-to-vehicle (G2V)
- Integration of EVs in smart grids/smart homes and impacts on grid
- Power electronics
- Advanced control techniques/energy management systems
- State-of-the-art reviews on EVs

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