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Electric Vehicles

Guest Editor:

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Deadline for manuscript submissions:
closed (30 April 2019)

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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Special Issue