



Electric Vehicles in Smart Grids

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Message from the Guest Editors

This Special Issue aims to establish a bridge between the present and future perspectives of EVs in smart grids, joining original contributions from different perspectives, including academic scientists and researchers, and professional communities. Topics of interest include but are not limited to the following:

- Unified EV charging systems with renewable energy sources and energy storage systems;
- Innovative operation modes for EVs considering on-grid and off-grid scenarios;
- EV operation as a power conditioner for smart grids;
- Advanced EV battery chargers considering on-board and off-board technologies;
- Innovative EV battery chargers employing emerging technologies of power electronics;
- EV integration in smart homes or microgrids as smart grid enablers;
- EV charging systems in industrial, commercial, and residential scenarios;
- EV integration as a contribution for energy control and decision, and demand response;
- New contributions for EV propulsion systems;
- EV wireless power transfer (WPT) systems in smart grids.

For further details of this special issue, please click [here](#).

