

Special Issue

Fast-Charging Station for Electric Vehicles: Challenges and Issues

Message from the Guest Editors

Papers are solicited and cover aspects of EV charging infrastructure and service, including the following topics and any other relevant topics that may not be directly specified.

- Planning of EV (fast) charging infrastructure;
- Fast charging standard and policy;
- EV smart charging scheduling;
- Fast charging hardware and equipment;
- Data analytics for charging infrastructure and service;
- Battery swapping and business model;
- EV charging demand forecasting;
- Power grid interaction of (fast-) charging stations;
- Charging pricing mechanism design;
- Smart charging for renewable energy integration;
- Power and transport network nexus;
- Business models for charging infrastructure development;
- Impact of charging demand on distribution network;
- Intelligent transportation system with fast charging station;
- Grid support for the fast-charging station;
- Distributed energy resource scheduling and aggregation.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)



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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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