



## Fast-Charging Station for Electric Vehicles: Challenges and Issues

Guest Editors:

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Deadline for manuscript  
submissions:

**30 September 2024**

### 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.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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