Special Issue

Data Mining Applications for Charging of Electric Vehicles

Message from the Guest Editors

We are inviting submissions of original research and review papers to the Special Issue on “Data Mining Applications for Charging of Electric Vehicles”. Recent data and available outlooks indicate continuous growth of electric vehicle (EV) sales. However, the share of EVs on roads is still fairly small. The large scale deployment of EVs is associated with significant policy, technical, environmental and planning challenges. In recent years, thanks to the growing intelligence of EVs infrastructures, the availability of field data has significantly improved, providing brand new research opportunities. The main aim of Special Issue is to facilitate novel data-centric methods and applications, in the following, but not limited to, domains relevant to EVs:

- Assessment of EV impacts, such as economic, environmental, social, etc.;
- EV users’ attitude analyses;
- EV sales forecasting;
- EV users’ charging behavior;
- Integration of EV charging into smart grids;
- EV load forecasting;
- EV charging infrastructure planning;
- Charging strategies for EVs in public transport;
- Data driven approaches to the battery management;
- EV charging data management.

Guest Editors

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Deadline for manuscript submissions

closed (10 February 2022)

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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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