



Data Mining Applications for Charging of Electric Vehicles

Guest Editors:

Prof. Dr. Luboš Buzna

Faculty of Management Science
and Informatics, University of
Žilina, Žilina, Slovakia

Dr. Pasquale De Falco

Department of Engineering,
University of Napoli Parthenope,
80133 Naples, Italy

Dr. Zhile Yang

Shenzhen Institute of Advanced
Technology, Chinese Academy of
Sciences, Shenzhen, China

Deadline for manuscript
submissions:

closed (10 February 2022)

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:

1. Assessment of EV impacts, such as economic, environmental, social, etc.;
2. EV users' attitude analyses;
3. EV sales forecasting;
4. EV users' charging behavior;
5. Integration of EV charging into smart grids;
6. EV load forecasting;
7. EV charging infrastructure planning;
8. Charging strategies for EVs in public transport;
9. Data driven approaches to the battery management;
10. EV charging data management.





energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)