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Theory and Application of Computational Intelligence in Electric Vehicles and their Integration within Smart Energy Networks

Guest Editors:

Dr. Hugo Morais

Prof. Dr. Juan M. Corchado

Prof. Dr. Lei Wang

Dr. Junjie Hu

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Message from the Guest Editors

Dear Colleagues,

In the present Special Issue, we invite original and unpublished submissions concerning the integration of electric vehicles in future power systems allowing the development of the smart grids and smart energy network. Intelligent computing methods developments and applications in electric vehicles fields should be specifically addressed in the papers. Potential topics include, but are not limited to:

Deadline for manuscript
submissions:

closed (16 June 2017)

- Electric vehicle charging infrastructure planning
- Multi-agents' application on electric vehicles charging and discharging
- Energy resources management considering electric vehicles
- Stochastic analysis and optimization of electric vehicles management in smart grids
- Power quality enhancement with electric vehicles
- Integrated management of electric vehicles considering the power grid and other critical infrastructures in a smart energy network context
- Electric vehicle driving pattern analysis and prediction

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mdpi.com/si/7270

Special Issue



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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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Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

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