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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

Dr. Emanuele Principi

Deadline for manuscript submissions:
closed (16 June 2017)

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In the present Special Issue, we invite original and unpublished submissions concerning the integration of electric vehicles in future power systems allowing the development of the smart grids and smart energy network.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:

- 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

Dr. Hugo Morais
Prof. Dr. Juan Manuel Corchado
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Guest Editors

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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

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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