## **Special Issue**

# Grid-Connected Electric Vehicles: Charging and Management

## Message from the Guest Editors

This Special Issue will explore the difficulties and key issues in the interaction between large-scale EVs and smart grids and look toward future development directions. Topics of interest for publication include but are not limited to the following:

- Modeling and prediction technologies for EV charging demand;
- Optimization and control technologies for charging facility configuration in residential areas;
- Operation and control technologies for public charging stations;
- Coordinated optimization control technology of EV clusters and distributed new energy generation;
- Optimization decision-making methods for EV charging aggregators participating in the spot electricity market and auxiliary service markets;
- Supply-demand relationship and multi-agent profit models in EV-grid interaction:

Orderly charging and discharging incentive mechanisms, market models, charging and swapping guidance strategies, and operation technologies for EVs.

#### **Guest Editors**

Dr. Xu Wang

Department of Electrical Engineering, SEIEE 1-237, Shanghai Jiao Tong University, 800 Dongchuan Road, Shanghai, China

Dr. Jingzhe Hu

Engineering Training and Innovation Education Center, Shanghai Polytechnic University, Shanghai 201209, China

## Deadline for manuscript submissions

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/ energies





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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.

## Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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