Special Issue

Prospects for Integrating Electric Vehicles into Power Systems

Message from the Guest Editor

Electric vehicles (EV) bring a sustainable future for the next generation of automobiles. Penetration of EV has increased drastically in the recent past; however, EV integration into power grids adds more challenges for power system engineers worldwide. The presence of nondispatchable and fluctuating energy sources requires smart management of the power system. The intent of the Special Issue is to collect innovative contributions on the integration of EVs in power systems considering the presence of renewable energy sources (RES), EV coordination with RES and power networks, hypothesis of EV charging/discharging strategies. It also aims to highlight the benefits that a charging station can create in the feeders. Contribution of interest include, but are not limited to:

- Electric vehicles
- Vehicle to Grid
- Renewable energy sources
- Charging/discharging strategies
- Smart power system management

Welcome to contribute.

Guest Editor

Dr. Vito Calderaro
Department of Industrial Engineering, University of Salerno, 84084 Salerno, Italy

Deadline for manuscript submissions

closed (30 September 2020)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/27360

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

mdpi.com/journal/electronics

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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