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Advanced Approaches, Business Models, and Novel Techniques for Management and Control of Smart Grids

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Deadline for manuscript submissions:

closed (31 March 2020)

Message from the Guest Editors

Dear Colleagues,

We invite submissions to a Special Issue of *Energies*. Topics include but are not limited to the following:

- Design, modeling, and management of smart grids;
- System reliability, sustainability, flexibility and resiliency;
- Methodologies and applications of modern methods for the operation and control of smart grids;
- Intelligent systems, solving methods, optimization and advanced heuristics;
- Modeling, planning and operating of renewable energy resources;
- Business models for different electricity market players;
- Demand side management and demand response;
- Sizing, placement and operation of energy storage systems and electric vehicles;
- Smart homes and building energy management;
- Electricity market, electrical power and energy systems;
- Modeling, forecasting, and management of uncertainty in smart grids;
- Microgrids and islanded networks;
- Smart cities, smart energy and IoT.

Prof. Dr. Pierluigi Siano

Prof. Dr. Miadreza Shafie-khah

Guest Editors



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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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