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Modeling and Control of Smart Energy Systems

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Deadline for manuscript
submissions:

closed (30 November 2020)

Message from the Guest Editors

Dear Colleagues,

We are pleased to announce the *Energies* Special Issue on Modeling and Control of Smart Energy Systems. The Special Issue will accept contributions focusing on all the systems' scales, ranging from residential systems, to microgrids and distribution systems.

Topics include but are not limited to:

- Robust and scalable control methods
- Real-time state estimation
- Cyberphysical modeling and control
- Transient and stability analysis
- Load scheduling frameworks
- Stochastic control methodologies for smart energy systems
- Modeling and control for the integration renewables
- Modeling and control of electric vehicle integration in micr-grids
- Charging control and management
- Modeling and control for residential demand response
- Reinforcement learning and predictive control for smart energy systems
- Deep Generative models
- Experimentation and validation of modeling and control tools



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Guest Editors

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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