

Special Issue

Modeling and Control of Smart Energy Systems

Message from the Guest Editors

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

Guest Editors

Prof. Dr. Marco Levorato

Donald Bren School of Information and Computer Sciences, Computer Science Department, University of California, Irvine, CA, USA

Dr. Roberto Valentini

Universita' degli Studi Dell'Aquila

Deadline for manuscript submissions

closed (30 November 2020)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/34025

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)