

## Special Issue

# The Digital Revolution in Future Power Distribution and Microgrids

### Message from the Guest Editors

This Special Issue on “The Digital Revolution in Future Power Distribution and Microgrids” is focused on state-of-the-art innovations in theoretical foundations, advanced IoT-based infrastructure, systems and control architecture, and field tests for digital technologies in smart electrical networks. Topics include, but are not limited to (surveys and state-of-the-art tutorials are also welcome):

- Smart urban functions for Intelligent communities;
- Energy Internet infrastructures (optical fiber, data and power, 5G);
- Optimized management in microgrids and energy hubs;
- IoT services, applications, standards, and test-beds;
- IoT-driven solutions for the next generation of the smart-grid;
- Smart Homes, and IoT-based Building Automation;
- Decentralization and digitalization in smart cities;
- Data analytics for smart energy systems.

---

### Guest Editors

Prof. Dr. Eleonora Riva Sanseverino

Prof. Dr. Juan C. Vasquez

Prof. Dr. Maria Luisa Di Silvestre

---

### Deadline for manuscript submissions

closed (30 June 2019)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/13489](https://mdpi.com/si/13489)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto: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)