

## Special Issue

# Smart Community Energy Management System

### Message from the Guest Editors

This Special Issue aims to cover the most recent advances in Energy Management Systems applied to Smart Communities and Smart Buildings. Novel theoretical approaches or practical applications, as well as reviews and surveys of the state-of-the-art are also welcomed. Topics of interest to this Special Issue include but are not limited to:

- Renewable and storage energy management in a Smart Community;
- Demand response potentials and benefits in a Smart Community;
- Control strategies for a Smart Community EMS;
- nearly Zero-Energy Districts and Positive Energy Blocks and Districts;
- Smart Communities integration with micro-grid systems or smart grids;
- Electric and plug-in electric vehicles integration in Smart Communities: vehicle-to-home (V2H), vehicle to vehicle (V2V), vehicle to community (V2C), etc.;
- Smart meters and advanced metering infrastructure for community, building and household applications;
- ICT for a Smart Community EMS .

---

### Guest Editors

Prof. Dr. María Isabel Milanés Montero  
University of Extremadura, 06006 Badajoz, Spain

Prof. Dr. Fermín Barrero González  
Department of Electrical Engineering, University of Extremadura,  
06006 Badajoz, Spain

Prof. Dr. João Martins  
Centre of Technology and Systems, Universidade Nova de Lisboa,  
2829-516 Caparica, Portugal

---

### Deadline for manuscript submissions

closed (30 November 2020)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.3



[mdpi.com/si/29558](https://mdpi.com/si/29558)

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

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





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.3



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



## About the Journal

### 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 guest-edited 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

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and Systems Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).