

## Special Issue

# Energy-Efficient Communication Networks and Systems

### Message from the Guest Editor

This Special Issue (SI) aims to serve as a platform for researchers and visionaries from academia, research labs and industry in presenting novelties related to energy efficiency improvements of communication networks and computing systems. Anything from theoretical and experimental achievements to innovative design and management approaches, prototyping efforts and case studies are in the focus of this SI. This SI aims to open new research ways toward more energy-efficient communication networks and computing systems. The topics of interest to this SI include, but are not limited to, the following:

- Green wireless networks
- Green wireline networking
- Energy-efficient data centres
- Green cloud computing
- Energy-efficient sensor and IoT networks
- Energy-efficient industrial communications
- Sustainable networking and computing
- Artificial intelligence (AI) techniques for energy efficiency
- Energy-efficient resource management
- Energy-efficient algorithms and protocols

---

### Guest Editor

Dr. Josip Lorincz

Faculty of electrical engineering, mechanical engineering and naval architecture (FESB), University of Split, R. Boskovicica 32, 21000 Split, Croatia

---

### Deadline for manuscript submissions

closed (30 July 2023)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/101023](https://mdpi.com/si/101023)

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

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





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

---

### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, 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), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)