

## Special Issue

# Edge Computing for Smart Grid Cyber-Physical System

### Message from the Guest Editors

A smart grid cyber-physical system is a highly intelligent system that is used for comprehensive data collection, state perception, and the system control of a smart grid system. With the continuous expansion of the scale of smart grids and the increasing complexity of the equipment, the data generated by smart grid systems present an explosive growth, which poses a great challenge to the real-time reliability of systems. Edge computing is used to provide users with nearby services with near-edge infrastructure or a large number of data terminals, so as to improve data processing efficiency and reduce the system delay and load of cloud computing. This Special Issue aims to collect original papers on the recent progress of edge computing for smart grid cyber-physical systems.

### Guest Editors

Dr. Peng Zeng

Dr. Ning Zhang

Dr. Lei Liu

Dr. Chunhe Song

### Deadline for manuscript submissions

closed (31 March 2023)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/129263](https://mdpi.com/si/129263)

*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)