

## Special Issue

# Next-Generation Green Wireless Networks and Industrial IoT

### Message from the Guest Editors

The next generation of wireless networks (i.e., 6G) will connect billions of machines and millions of people and is envisioned to support high-speed communication in three-dimensional space by integrating space, aerial, terrestrial, and underwater networks... The main topics of interest for this Special Issue include, but are not limited to, the following:

- Energy-efficient machine-to-machine communications
- Energy- and spectral-efficient access technologies for modern wireless networks
- Scalable machine learning for next-generation wireless networks
- AI/ML techniques for green communications and computing in 5G/B5G networks and smart industries
- Scalable network infrastructures for smart cities
- Smart energy management techniques for balancing energy demand–supply in 5G/B5G
- Analytical, optimization and experimental approaches for green communications and computing in 5G/B5G networks ...

We hope this Special Issue will achieve a precise, concrete and concise conclusion that contributes significantly to opening new horizons for future research directions. Please note that all submitted papers should be in the scope of the *Symmetry* journal.

---

### Guest Editors

Dr. Mohammed H. Alsharif

College of Electronics and Information Engineering, Sejong University,  
Seoul 05006, Republic of Korea

Prof. Dr. Md. Farhad Hossain

Department of Electrical and Electronic Engineering, Bangladesh  
University of Engineering and Technology, Dhaka 1205, Bangladesh

---

### Deadline for manuscript submissions

closed (31 July 2024)



## Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.4



[mdpi.com/si/151990](https://mdpi.com/si/151990)

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

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





# Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.4



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



## About the Journal

### Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

---

### Editor-in-Chief

Prof. Dr. Sergei Odintsov  
ICREA, 08010 Barcelona and Institute of Space Sciences (IEEC-CSIC),  
C. Can Magrans s/n, 08193 Barcelona, Spain

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1  
(General Mathematics)