



*symmetry*



an Open Access Journal by MDPI

## Recent Advances in Antenna Array Technologies

Guest Editor:

**Prof. Dr. Shigang Zhou**  
School of Electronics and  
Information, Northwestern  
Polytechnical University, Xi'an  
710072, China

Deadline for manuscript  
submissions:  
**closed (31 January 2023)**

### Message from the Guest Editor

Dear Colleagues,

With the development of radar and wireless communication technology, the antenna array is being used more and more. Many research studies on the antenna array have focused on the high-efficiency antenna array, active-phased array, multi-beam antenna array, MIMO antenna array, and the conformal antenna array. The idea of symmetry and asymmetry is widely used in antenna and array design, such as the feeding method, antenna element design, the array layout and so on. The objective of this Special Issue is to call the researchers and engineers from academia and industry to present the state of the art of the antenna array for future radar and communication systems.

Prof. Dr. Shigang Zhou  
*Guest Editor*



[mdpi.com/si/91543](https://mdpi.com/si/91543)

**Special** Issue



# symmetry



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Sergei D. Odintsov

1. Institució Catalana de Recerca i Estudis Avançats (ICREA),  
Passeig Luis Companys, 23,  
08010 Barcelona, Spain  
2. Institute of Space Sciences  
(ICE-CSIC), C. Can Magrans s/n,  
08193 Barcelona, Spain

## 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.

## 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), CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

**Journal Rank:** JCR - Q2 (*Multidisciplinary Sciences*) / CiteScore - Q1 (General Mathematics)

## Contact Us

---

Symmetry Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/symmetry  
symmetry@mdpi.com  
X@Symmetry\_MDPI