

Special Issue

Symmetry and Wireless Communication Technologies

Message from the Guest Editors

With the rapid increase in the wireless communication demand, the development of wireless communication systems has encountered bottlenecks. The continuous advancement of 5G commercialization and the development and application of the Internet of Things, Internet of Vehicles, wireless body area networks, and wireless sensor networks have put forward new requirements for wireless networks. Beyond the requirements of greater bandwidth, reduced latency, and a certain level of intelligence, future wireless communication technologies necessitate remarkable advancements and substantial breakthroughs in diverse domains. These encompass microwave/millimeter-wave components and circuits, antenna technology, electromagnetic metasurfaces, resource allocation algorithms, network access strategies, and the integration of communication and sensing, among others. We hope to spread knowledge among researchers, designers, manufacturers, and users in this exciting field with this issue.

Guest Editors

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Deadline for manuscript submissions

30 November 2025



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



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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

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