

# Special Issue

## Symmetry/Asymmetry in Wireless Communication and Sensors

### Message from the Guest Editor

Recent wireless communication and sensor systems are increasingly affected by symmetry in regard to their network topology, channel properties, energy profiles, traffic patterns, and device capabilities. This Special Issue examines theoretical, algorithmic, and practical consequences of symmetry and asymmetry in IoT, 6G, UAV networks, energy harvesting systems, and intelligent sensors. Asymmetry reflects real-world restrictions and adds complex but new optimization possibilities, whereas symmetry simplifies and strengthens design. For next-generation wireless systems, understanding how symmetry and asymmetry impact network dependability, security, resource allocation, and performance is crucial. This Special Issue encourages original research, reviews, and application-driven studies on modeling, measuring, and exploiting symmetry/asymmetry in wireless and sensor technologies.

### Guest Editor

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### Deadline for manuscript submissions

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## Symmetry

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## 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.

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### Editor-in-Chief

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