

Special Issue

Symmetry in Electromagnetic Structures: Principles and Design of Antennas, Waveguides, and Metasurfaces

Message from the Guest Editors

- Symmetry has emerged as a key concept in advancing the theory and design of modern electromagnetic structures. By exploiting simple, higher-order, or broken symmetry principles, researchers can unlock innovative design strategies for different kinds of antennas, waveguides, metamaterials, and metasurfaces. This Special Issue welcomes cutting-edge contributions showcasing how symmetry enhances electromagnetic performance, reveals intriguing physical phenomena, enables novel functionalities, and drives the development of innovative devices for future applications.
- Both original research articles and comprehensive review papers are invited. This Special Issue aims to provide a unique platform for sharing new insights and consolidating knowledge in this rapidly evolving field.

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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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