

Special Issue

Advances in Metamaterials with Symmetry/Asymmetry: Optical, Acoustic, Mechanical, Photonic, Chiral, Electromagnetic, and Nonlinear Applications

Message from the Guest Editors

This Special Issue aims to bring together cutting-edge research in the rapidly evolving field of metamaterials. Metamaterials, which are artificially engineered materials with properties not found in nature, have revolutionized science and technology due to their unique and tunable optical, acoustic, mechanical, photonic, chiral, electromagnetic, and nonlinear characteristics. This Special Issue will focus on the design, fabrication, characterization, and simulation of metamaterials, with a particular emphasis on the role of symmetry in their structural and functional properties.

Guest Editors

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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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