

Special Issue

Advanced Studies of Symmetry/Asymmetry in Cybersecurity

Message from the Guest Editors

Cybersecurity has become a critical concern for individuals, organizations, and governments. As technology advances and becomes more sophisticated, the need for effective cybersecurity measures has intensified. One approach that has gained significant attention in the field of cybersecurity is the concept of symmetry and asymmetry; the incorporation of both is deemed essential for developing effective defense strategies against modern threats. While symmetry focuses on building robust security measures, asymmetry allows defenders to leverage their advantages over attackers. By adopting a balanced and comprehensive approach, cybersecurity professionals can enhance their ability to protect individuals, organizations, and governments from cyber threats. The aim of this Special Issue is to publish articles on the recent advancements in this field, spread across a universe of applications such as industry, robotics, traffic, autonomous vehicle, and blockchain, as well as in fundamental and theoretical forms.

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Deadline for manuscript submissions

31 December 2025



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/182960

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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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