

Special Issue

Symmetry and Asymmetry in Embedded Systems

Message from the Guest Editors

With the rise of 5G, IoT, and smart manufacturing, edge computing has emerged as a paradigm where tasks are processed closer to the data source rather than in the cloud. As multi-modal data grow and the demand for intelligent services increases, traditional cloud computing struggles to handle the scale and maintain quality of service (QoS). Edge computing, with its low latency, reliability, and privacy benefits, enables “edge intelligence” by integrating networking, computing, storage, and applications. We are pleased to invite you to submit your manuscript on edge computing. This technology powers smart manufacturing, personalized services, and applications like AR/VR, drones, healthcare, and transportation. Key challenges include limited resources, symmetric system, network constraints, and balancing privacy with efficiency, driving ongoing research to unlock the full potential of edge intelligence.

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Deadline for manuscript submissions

30 June 2026



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/220126

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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.

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