

## Special Issue

# Symmetry/Asymmetry in Intelligent Transportation

### Message from the Guest Editors

This Special Issue investigates the complex interaction of symmetry and asymmetry in Intelligent Transportation Systems (ITSs). It discusses the complex dynamics of ITSs, covering the comprehensive integration of traffic flow, dispatching, road conditions and vehicle–road interactions. We are committed to ensuring road safety and improving traffic management through careful understanding of the symmetry and asymmetry in these systems. Our focus is on the key elements of ITSs: road detection, pavement performance prediction and maintenance, traffic flow analysis and traffic accident analysis. By analyzing the complex interaction between symmetric and asymmetric forces in intelligent transportation systems, we can formulate strategies to strengthen traffic management and safety. These strategies can also accurately predict pavement performance, optimize maintenance plans and help the industry adapt to the changing needs of traffic systems. We encourage the submission of in-depth research on these topics that provides opinions regarding their impact on the practical application of traffic engineering.

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### Guest Editors

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### Deadline for manuscript submissions

31 August 2026



## Symmetry

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Impact Factor 2.2  
CiteScore 5.2



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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

Prof. Dr. Sergei Odintsov  
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