Special Issue

Methods from Differential Topology and Differential Geometry in Information Geometry

Message from the Guest Editors

This Special Issue was created as a parallel publication associated with the Geometric Science of Information 2025 Conference, which will be held at the Palais du Grand Large, Saint-Malo, France, in October 2025. This conference aims to bring together mathematicians, physicists, and engineers with a shared interest in geometric tools and their applications in information analysis and learning. Emphasizing the active participation of young researchers, GSI fosters collaboration and discussion on emerging topics in this interdisciplinary field. GSI'25 focuses on the theme: From Classical to Quantum Information Geometry: Geometric Structures of Statistical & Quantum Physics, Information Geometry, and Machine Learning.

Guest Editors

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Deadline for manuscript submissions

31 March 2026

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/254553

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

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