

Special Issue

Entropy in Machine Learning Applications

Message from the Guest Editor

This Special Issue will include but not be limited to applications using machine learning methods, including construction and application of managed pressure drilling knowledge graphs with extended cross-entropy loss, computational characterization of undifferentially expressed genes with altered transcription regulations, entropy weighted water quality prediction methods based on long-short term memory and data correlation analysis, convolutional networks with cross-entropy as the loss function based on transfer learning for rice disease detection, and semantic disambiguation of advertising vocabulary based on knowledge graphs.

Guest Editor

Prof. Dr. Yanchun Liang

1. Zhuhai Sub Laboratory of Key Laboratory for Symbol Computation and Knowledge Engineering of National Education Ministry, Zhuhai College of Science and Technology, Zhuhai 519041, China
2. Key Laboratory for Symbol Computation and Knowledge Engineering of National Education Ministry, College of Computer Science and Technology, Jilin University, Changchun 130012, China

Deadline for manuscript submissions

closed (15 January 2024)



Entropy

an Open Access Journal
by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/150445

Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

[mdpi.com/journal/
entropy](https://mdpi.com/journal/entropy)





Entropy

an Open Access Journal
by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
entropy](https://mdpi.com/journal/entropy)



About the Journal

Message from the Editor-in-Chief

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

Prof. Dr. Kevin H. Knuth

Department of Physics, University at Albany, 1400 Washington Avenue,
Albany, NY 12222, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)