

Special Issue

Representation Learning: Theory, Applications and Ethical Issues

Message from the Guest Editors

The representation problem has always been at the core of machine learning. Finding a good data representation is the common denominator of many machine learning subtopics, such as feature selection, kernel learning, and deep learning. The recent rise of deep learning technologies has opened up new and fascinating possibilities for researchers in many fields. However, deep networks often fall short when it comes to being interpreted or explained. Hence, in addition to the effectiveness of a representation, there is the need to face many related problems, for example, interpretability, robustness, and fairness.

Guest Editors

Dr. Fabio Aiolli

Department of Mathematics, University of Padova, via Trieste 63, 35121 Padova, Italy

Dr. Mirko Polato

Department of Mathematics, University of Padova, via Trieste 63, 35121 Padova, Italy

Deadline for manuscript submissions

closed (30 June 2021)



Entropy

an Open Access Journal
by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/48583

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)