

Special Issue

Machine Learning Ecosystems: Opportunities and Threats

Message from the Guest Editor

In many every-day examples, specific constraints hold that prevent optimal performance of machine learning models in the wild. Both their training data and the models themselves are usually subject to many internal and external restrictions. Internal restrictions include the design and maintenance of technological infrastructures, the alignment with business needs, technical debt, or the internal dysfunctionalities of companies. External constraints are related to the accessibility of the data or the legislation companies must obey, among others. Altogether, these restrictions have been studied from different perspectives in the machine learning literature, including accountability, privacy-preserving technologies, fairness, interpretability, data governance, etc., but also from non-technical perspectives, such as legal liability, human talent management, firms' organizational structures, or economic dimensions of machine learning. This Special Issue wants to be a common forum for researchers working on these different machine learning dimensions that must interact in any real-life data centered application.

Guest Editor

Dr. Jordi Nin

Ramon Llull University, ESADE, Av. Torre Blanca, 59, 08172 Sant Cugat, Barcelona, Spain

Deadline for manuscript submissions

closed (20 June 2022)



Entropy

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.9
Indexed in PubMed



mdpi.com/si/55831

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 2.1
CiteScore 4.9
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)