

## Special Issue

# The Role of Information in Cultural Evolution

### Message from the Guest Editors

Cultural evolution is an information processing system at two levels. At the micro level, culture is sustained by the information-processing capabilities of cognitive agents who are able to perceive, process, and reproduce the information found in cultural artifacts and behaviors, such as technology, language, music, and art. At the macro level, culture is an evolutionary process that discovers and stores information about good solutions to hard problems that humans and animals face as they struggle to survive in the world. We welcome original research articles and reviews on any approach to understanding cultural evolution as an information processing system.

- cultural evolution
- computational social science
- information flow
- replicators
- optimal compression
- cultural information

---

### Guest Editors

Dr. Vanessa Ferdinand

Dr. Sarah Marzen

Dr. Helena Miton

Dr. Noga Zaslavsky

Prof. Dr. Martin Hilbert

---

### Deadline for manuscript submissions

closed (15 April 2022)



## Entropy

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/93656](https://mdpi.com/si/93656)

*Entropy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[entropy@mdpi.com](mailto: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)