

## Special Issue

# Dynamics in Biological and Social Networks

### Message from the Guest Editor

Entropy measures have been proposed to quantify the amount of variability and the level of complexity found in a broad spectrum of networks. This Special Issue of Entropy is devoted to studies on the dynamics in biological and social networks. These studies should be carried out, at least partially, drawing upon concepts from information theory. Submissions of original contributions and review articles are both welcome. The submitted manuscripts will be peer-reviewed and the authors will receive timely feedback. The deadline for manuscript submission is 31 August 2024. **Keywords:** agent-based model, cellular automata, complex network, dynamical systems, entropy measures, game theory, social media, social network, systems biology

---

### Guest Editor

Dr. Luiz Henrique Alves Monteiro

1. Escola de Engenharia, Universidade Presbiteriana Mackenzie, São Paulo 01302-907, Brazil
2. Escola Politécnica, Universidade de São Paulo, São Paulo 05508-010, Brazil

---

### Deadline for manuscript submissions

closed (20 November 2025)



## Entropy

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/192959](https://mdpi.com/si/192959)

*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)