



entropy



an Open Access Journal by MDPI

Dynamic Processes on Complex Networks

Guest Editor:

Prof. Bosiljka Tadic

1. Department of Theoretical Physics, Jozef Stefan Institute, P.O. Box 3000, SI-1001 Ljubljana, Slovenia

2. Complexity Science Hub, 1080 Vienna, Austria

Deadline for manuscript submissions:

closed (31 July 2020)

Message from the Guest Editor

The emergence of new functional properties at a larger scale, as a paradigm of complexity, is based on the apparent interdependence between nonlinear dynamics and the underlying network structure. This Special Issue welcomes contributions highlighting current trends in structural and dynamical perspectives of complex systems. The goal is to unravel the impact of specific structural properties (described by directed weighted mono- and bipartite networks, hyperbolic graphs, and graphs with simplicial complexes architecture, as well as networks inferred from the empirical data such as brain graphs and online social networks) in the emergence of collective dynamics.



mdpi.com/si/33507

Special Issue



entropy



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Kevin H. Knuth

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

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.

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)

Contact Us

Entropy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/entropy
entropy@mdpi.com
[X@Entropy_MDPI](https://twitter.com/Entropy_MDPI)