Special Issue

Dynamic Processes on Complex Networks

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.

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)



an Open Access Journal by MDPI

Impact Factor 2.0 CiteScore 5.2 Indexed in PubMed



mdpi.com/si/33507

Entropy Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 entropy@mdpi.com

mdpi.com/journal/

entropy





an Open Access Journal by MDPI

Impact Factor 2.0 CiteScore 5.2 Indexed in PubMed



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)