

Special Issue

Theoretical Aspect of Nonlinear Statistical Physics

Message from the Guest Editor

Focus of this Special Issue is to collect original and/or review papers, dealing with nonlinear and/or non-equilibrium statistical systems, which play a central role in modern statistical physics. The subjects of the volume may include, but are not limited to, the following areas: Foundations and mathematical formalism and theoretical aspects of classical and quantum statistical mechanics; non-linear methods and generalized statistical mechanics; information geometry and its connection to statistical mechanics; non-equilibrium statistical physics; mathematical methods of kinetic theory; Boltzmann and Fokker–Planck kinetics; dynamical systems; chaotic systems; and fractal systems.

Guest Editor

Prof. Dr. Giorgio Kaniadakis

Dipartimento di Scienza Applicata e Tecnologia, Politecnico di Torino,
Corso Duca degli Abruzzi 24, 10129 Torino, Italy

Deadline for manuscript submissions

closed (30 April 2018)



Entropy

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.9
Indexed in PubMed



mdpi.com/si/10073

Entropy
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)