Special Issue

Recent Developments in Dissipative Phenomena

Message from the Guest Editors

In recent years, large developments have been achieved towards a mathematical description of dissipative processes, from small scales where nonequilibrium fluctuations dominate the fate of the system, to macroscopic scales where maximizing the thermodynamical efficiency is a must. Dissipation has been proposed as the nonequilibrium counterpart of the thermodynamic potentials, which pave the road to the investigation of non thermodynamic phenomena. The aim of this Special Issue is to overview the current status of research in this field, from stochastic to deterministic and quantum systems.

Guest Editors

Prof. Dr. Lamberto Rondoni

Department of Mathematical Sciences, Politecnico di Torino, 10129 Torino, Italy

Prof. Dr. Carlos Mejía-Monasterio

Laboratory of Physical Properties, School of Agricultural, Food and Biosystems Engineering, Technical University of Madrid, Av. Complutense s/n, 28040 Madrid, Spain

Deadline for manuscript submissions

closed (31 October 2018)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/13254

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

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

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)

MDPI