Special Issue

Non-equilibrium Phase Transitions

Message from the Guest Editors

Nonequilibrium phase transitions is a broad research field emerging in many natural phenomena that operate intrinsically out of the equilibrium, in which the detailed balance and the full theoretical toolbox of equilibrium statistical mechanics are usually not applicable. Nevertheless, fundamental concepts such as universality, criticality and discontinuous transitions have been widely extended to the nonequilibrium realm whose interest have been burst with solid experimental evidences and interdisciplinary applications in the last decade. We would like to invite you to contribute to a Special Issue in *Entropy* entitled "Non-Equilibrium Phase Transitions". The title is deliberately broad and we would hope to gather together a broad spectrum of contributions raging from the foundational to applied problems including theoretical, simulational, and experimental approaches.

Guest Editors

Prof. Dr. Carlos E. Fiore

Instituto de Física, Universidade de São Paulo, C.P. 66318, São Paulo SP 05315-970, Brazil

Prof. Dr. Silvio C. Ferreira

Departamento de Física, Universidade Federal de Viçosa, Viçosa MG 36570-000, Brazil

Deadline for manuscript submissions

closed (29 February 2024)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/86491

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