



entropy



an Open Access Journal by MDPI

## Mesoscopic Thermodynamics and Dynamics

Guest Editors:

**Prof. Dr. Miroslav Grmela**

Department of Chemical  
Engineering, Polytechnique  
Montréal, Montreal, QC, Canada

**Dr. Václav Klika**

Department of mathematics,  
FNSPE, Czech Technical  
University in Prague, Prague  
12000, Czech Republic, 166 36  
Prague 6, Czech Republic

Deadline for manuscript  
submissions:

**closed (28 February 2018)**

### Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to submit comprehensive overviews, as well as original papers, on the general subject of mesoscopic and multiscale thermodynamics and dynamics. Theoretical investigations of complex systems arising, for instance, in nanotechnology and biology, as well as investigations of externally-driven macroscopic systems, cannot be confined to a single level of description. Thermodynamics in multiscale investigations arise in the analysis of the relationship between two levels that take into account different amounts of details. The aim of this Special Issue is to encourage researchers to present original and recent development in the foundations, geometrical and stochastic formulations, and applications of the multiscale non-equilibrium thermodynamics.

Prof. Dr. Miroslav Grmela

Dr. Václav Klika

*Guest Editors*



[mdpi.com/si/9932](https://mdpi.com/si/9932)

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](http://www.mdpi.com)

[mdpi.com/journal/entropy](http://mdpi.com/journal/entropy)  
[entropy@mdpi.com](mailto:entropy@mdpi.com)  
[X@Entropy\\_MDPI](#)