



entropy



an Open Access Journal by MDPI

Energy Technology and Thermodynamics

Guest Editor:

Prof. Dr. Tatiana Morosuk

Chair of Exergy-based Methods
for Refrigeration Systems,
Technische Universität Berlin,
Marchstraße 18, 10587 Berlin,
Germany

Deadline for manuscript
submissions:

closed (15 November 2020)

Message from the Guest Editor

Exergy analysis (the combination of the first and second laws of thermodynamics) is recognized as the most effective tool for evaluating the quality of energy carriers, the inefficiencies in energy-conversion or energy-intensive chemical processes, and the rational use of energy.

This Special Issue focuses on the application of the first and second laws of thermodynamics as well as exergy analysis for the modelling, analysis, evaluation, improvement, and optimization of different energy-conversion systems. Reports on any kind of power generation systems, hybrid power generation systems, systems implementing renewable energy sources, energy storage concepts, refrigeration, and cryogenic systems are invited.



mdpi.com/si/38348

Special Issue



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

mdpi.com/journal/entropy
entropy@mdpi.com
[X@Entropy_MDPI](https://twitter.com/Entropy_MDPI)