



200 Years Anniversary of “Sadi Carnot, Réflexions Sur La Puissance Motrice Du Feu”; Bachelier: Paris, France, 1824

Guest Editors:

Prof. Dr. Armin Feldhoff

Prof. Dr. Christophe Goupil

Prof. Dr. Pascal Boulet

**Prof. Dr. Marie-Christine
Record**

Dr. Eric Herbert

Dr. Gaël Giraud

Dr. Mathieu Arnoux

Deadline for manuscript
submissions:

31 December 2024

Message from the Guest Editors

The 1824 book by Sadi Carnot was no less than the cradle of thermodynamics. It has influenced different disciplines, including physics, chemistry, biology, geology, engineering and materials science. Thermodynamics provides the framework for a generalized dynamics covering all kind of energy conversion in the living and non-living world, including metabolic pathways, chemical reactions, thermoelectricity and Hamiltonian mechanics. In harmonized appearance, all balance equations for extensive quantities (e.g. mass, momentum, angular momentum, entropy, electric charge, chemical substance, energy) follow the same format and reflect the uniformity in the basic principles. Thermodynamics covers both equilibrium and non-equilibrium systems. It is compatible with relativistic theory and field theories and, when complemented by statistical concepts, it comprises phenomena that traditionally fall in the domain of quantum mechanics. Thermodynamics is widely viewed as one of the sound standing and far-reaching concepts in science, technology, engineering and mathematics (STEM). Contributions addressing any of these issues are very welcome.





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

mdpi.com/journal/entropy
entropy@mdpi.com
[X@Entropy_MDPI](#)