

Special Issue

Selected Papers from XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics

Message from the Guest Editors

This conference has a long tradition in providing a unique stage to young and distinguished researchers coming from different regions of Italy and from countries abroad to present the most recent developments and share ideas on a plethora of topics in the fields of thermal analysis and calorimetry, ranging from food to biocalorimetry, lifetime prediction of materials, cultural heritage, life science, polymer science, and pharmaceuticals. The official language is English, while the scientific common background is classical and applied thermodynamics, as suggested by the title of the conference. This Special Issue aims at collecting a valuable selection of contributions, favoring (but not limited to) those who provide significant insights into physico-chemical processes and a corresponding description of reaction mechanisms, the characterization of all kinds of phase transitions, innovative routes for thermal energy storage and energy conversion, and original approaches focused on applied thermodynamics with particular reference to the entropic contribution, following a classical and/or applied thermodynamic approach.

Guest Editors

Prof. Dr. Stefano Vecchio Cipriotti

Department of Basic and Applied Science for Engineering, Sapienza University of Rome, 00185 Roma, RM, Italy

Prof. Dr. Marilena Tolazzi

Dipartimento Politecnico, Laboratori di Chimica dell'Università di Udine, Via Cotonificio 108, 33100 Udine, Italy

Deadline for manuscript submissions

closed (30 June 2022)



Entropy

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.9
Indexed in PubMed



mdpi.com/si/67814

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

[mdpi.com/journal/
entropy](https://mdpi.com/journal/entropy)





Entropy

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.9
Indexed in PubMed



[mdpi.com/journal/
entropy](https://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)