

## Special Issue

# Thermodynamic Optimization of Complex Energy Systems

### Message from the Guest Editor

Please, let me ask you to pay attention to one of the most recurrent words in Engineering and Economics, “Optimization”. In such a competitive world as ours, everything seems to be optimized, but this is not true. There is plenty of room to improve our systems, particularly in the domain of Energy. This is why you are cordially invited to contribute to the Special Issue presented here, with the subject “**Thermodynamic Optimization of Complex Energy Systems**”. Topics that could be included in this Special Issue are too many for us to be able to name them all. They can run from classical subjects to the new requirements of sustainable development. Please, consider this Special Issue as an opportunity to review facts and theories, and to approach a brighter future. Your papers and proposals will be checked, studied, and treated with warm enthusiasm. I look forward to hearing from you soon, and I remain at your disposal should you have any questions about this Special Issue.

### Guest Editor

Prof. Dr. Jose M. Martinez-Val

Department of Energy and Fluid Mechanics Engineering, Madrid Polytechnical University, C/José Gutiérrez Abascal No. 2, 28006 Madrid, Spain

### Deadline for manuscript submissions

closed (31 October 2020)



## Entropy

an Open Access Journal  
by MDPI

Impact Factor 2.0  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/34819](https://mdpi.com/si/34819)

*Entropy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[entropy@mdpi.com](mailto:entropy@mdpi.com)

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