



*entropy*



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## Entropies, Divergences, Information, Identities and Inequalities

Guest Editors:

**Prof. Dr. Steeve Zozor**

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**Prof. Dr. Pedro W. Lamberti**

**Dr. Gustavo Martin Bosyk**

**Prof. Dr. Jean-François  
Bercher**

Deadline for manuscript  
submissions:

**closed (31 July 2022)**

### Message from the Guest Editors

After the pioneering works of C. Shannon, the notion of information allowed the development of powerful tools for describing the information transmission in communication. Alternative measures of information were proposed later on, such as the Rényi entropy, that of Havrda-Charvát (or Daróczy or Tsallis), among many others.

Since several years now, the literature proposes various generalizations of Fisher information, and thus extensions of usual inequalities between generalized information measures arise.

This Special Issue aims to put together extended or generalized informational identities and/or inequalities, together with potential applications.



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# Special Issue



# entropy



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## 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.

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Entropy Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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