



entropy



an Open Access Journal by MDPI

Multuser Information Theory II

Guest Editor:

Prof. Dr. S. Sandeep Pradhan

Department of Electrical
Engineering and Computer
Science, University of Michigan,
1301 Beal Avenue, Ann Arbor, MI
48103, USA

Deadline for manuscript
submissions:

closed (1 February 2020)

Message from the Guest Editor

This Special Issue on “Multi-User Information Theory in 2017” has led to the publication of high quality papers on several new research directions. The Special Issue received a lot of attention from the community. In 2019, we will continue this Special Issue.

Possible topics include, but are not limited to, the following:

- non-asymptotic performance characterizations
- multi-letter coding techniques
- non-Shannon-type inequalities
- multi-user quantum information and coding
- applications of information theory to new emerging areas such as cybersecurity, privacy, distributed data storage, bioinformatics and learning
- new source models based on big data
- new channel models based on mmWave technology

The goal of this issue is to develop new bridges between information theory and other fields, such as abstract algebra, ergodic theory, quantum physics, theory of random graphs, theory of communication complexity, information geometry and additive combinatorics, and thereby contribute to furthering collaborations between researchers working in these communities.



mdpi.com/si/16390

Special Issue



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, Grosspeteranlage 5
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)