



entropy



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## Selected Papers from 4th International Electronic Conference on Entropy and Its Applications

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 June 2018)**

### Message from the Guest Editor

Dear Colleagues,

*Entropy* held its 4<sup>th</sup> International Electronic Conference on Entropy and Its Applications (ECEA-4) from 21 November–1 December, 2017. The conference had six sessions, which reflect the inter-disciplinary nature of entropy and its applications:

- Statistical Physics
- Information and Complexity
- Thermodynamics in Materials
- Quantum Information and Foundations
- Machine Learning
- Astrophysics and Cosmology

For more information about the topics, please go to:  
<http://www.sciforum.net/conf/ecea-4>

All conference participants are recommended to submit a full paper to this *Entropy* Special issue with 20% discount of the APC charges. We also encourage other contributions from the broader community.

Prof. Dr. Philip Broadbridge  
*Guest Editor*



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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  
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## 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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