



Special Issue on Entropy and Its Application

Call for Papers

Entropy, the measure of a system's thermal energy per unit temperature that is unavailable for doing useful work. Because work is obtained from ordered molecular motion, the amount of entropy is also a measure of the molecular disorder, or randomness, of a system. The concept of entropy provides deep insight into the direction of spontaneous change for many everyday phenomena. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **entropy and its application**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **entropy and its application**. In this special issue, potential topics include, but are not limited to:

- Maximum entropy; Entropy and Information
- Symmetry and entropy; Entropy in quantum gravity
- Concepts of entropy and their applications
- Entropy and the second law of thermodynamics
- Entropy change and calculations
- Entropy and thermodynamics
- Entropy changes during phase transition
- Transfer entropy; Entanglement entropy
- Information entropy; Entropy function
- The entropy diagram and its applications

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Entropy and Its Application**” should be selected during your submission.

Special Issue timetable:

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