Special Issue

Plasma Turbulence: Theory and Modelling

Message from the Guest Editor

In this Special Issue, we aim at gathering reviews, recent advances, and research papers on the various roles of entropy in plasma theory and modeling, mainly but not only in a turbulent setting. We welcome contributions relating to a wide range of plasmas, from low to high-temperature plasmas, from closed to open systems, from local to global modeling, and from fixed-gradient to flux-driven conditions. The Special Issue of interest include, but are not limited to:

- plasma
- turbulence
- Vlasov
- fluid
- MHD
- filamentation
- entropy cascade
- entropy transfer

Guest Editor

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closed (31 December 2024)

Entropy

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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.

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