

Special Issue

Entropy in Relativistic Fluid Dynamics and Magnetohydrodynamics and Its Implications to the Cosmological Dark Energy and Dark Matter Problems

Message from the Guest Editor

This Special Issue will focus on the following issues:

- Solutions to the dark matter and dark energy problem in astrophysical and cosmological scales.
- Variational Formalism of relativistic non-barotropic fluid dynamics and magnetohydrodynamics including related issues such as canonical energy-momentum tensors and topological conservation laws.
- Relations between the two topics listed above.

Guest Editor

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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.

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