Special Issue

Advances in Entropy and Computational Fluid Dynamics

Message from the Guest Editors

Nowadays, computational fluid dynamics (CFD) has taken on great relevance in the study, design, and optimization of equipment, which is due to its great ability to simulate and model transport phenomena. CFD and the second law of thermodynamics help us to understand the phenomena involved in different kinds of devices, such as fuel cells, turbines and solar collectors, among others. Several studies have demonstrated the use of CFD and the second law of thermodynamics to improve industrial equipment, and CFD is even used in the field of science, such as in medicine to predict diseases. In other words, CFD is used to create virtual environments to help us improve our understanding of the real world. This Special Issue, "Advances in Entropy and Computational Fluid Dynamics", will showcase unpublished original papers focused on the analysis of irreversibility by computational fluid dynamics.

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2024)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/146199

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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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