Special Issue

New and Improved Techniques of Information Theory for Quantum Chromodynamical Based Data

Message from the Guest Editor

We propose the use of ML techniques to look the other way – rather than look for new phenomena, try to understand what happens on a fundamental level in quark and gluon interactions. Since QCD, in its essence, is non-perturbative, we now use existing accelerator data to understand these interactions, implement them in simulations and then make further predictions. This Special Issue aims to be a forum for the presentation of new and improved techniques of information theory for QCD based data - in particular, the analysis of collider data interpreted from a perspective of basic QCD constituents and interactions.

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.

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.

Editor-in-Chief

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