Special Issue

MaxEnt 2018 - The 38th International Workshop on Bayesian Inference and Maximum Entropy Methods in Science and Engineering

Message from the Guest Editor

Dear Colleague, For over 37 years, the Max Ent workshops have explored the use of Bayesian and Maximum Entropy methods in scientific and engineering applications. The workshop invites contributions on all aspects of probabilistic inference, including novel techniques and applications, and work that sheds new light on the foundations of inference. Bayesian computational techniques, such as Markov chain Monte Carlo sampling have been regular topics, as are approximate inferential methods. Foundational issues involving probability theory and information theory, and the novel application of inference to illuminate the foundations of physical theories, have also been of keen interest. Participants are welcome to submit an extended version of the papers from the MaxEnt 2018 Workshop to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2018)

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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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