Special Issue

Active Inference in Cognitive Neuroscience

Message from the Guest Editor

Entropy has devoted to active inference in recent years—and the growing research interest from phenomenological disciplines—the goal of this Special Issue is to advance active inference as a theory of cognition by gathering novel empirical and computational evidence from a cognitive neuroscience perspective. We invite original submissions, commentaries, review articles, and highlights of key innovations, focusing on the following:

- Novel empirical evidence for active inference (behavioral, neural, clinical);
- Interpretations of published data through an active inference lens;
- Computational advances with an emphasis of biological plausibility;
- Philosophical essays exploring theoretical implications;
- Applications of active inference, such as its use as a research tool or for human–machine interaction.

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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