# **Special Issue**

# Deciphering the Link Between Information and Interpretability in Deep Learning and Artificial Intelligence

# Message from the Guest Editors

This Special Issue aims at seeking manuscripts that leverage information theory or other statistical or correlative metrics to interrogate how the robust and multifaceted functionality of deep learning architectures or artificial intelligence emerges from the iteration of relatively straightforward mathematical operations that are individually agnostic to the particulars of the training data. The topics are but not limited to:

- deep learning
- neural networks
- interpretability
- statistical analysis
- information theory
- feature analysis
- object detection/tracking
- generative artificial intelligence

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# Deadline for manuscript submissions

15 November 2025



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Impact Factor 2.0 CiteScore 5.2 Indexed in PubMed



mdpi.com/si/223360

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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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## Editor-in-Chief

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