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Methods in Artificial Intelligence and Information Processing

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Deadline for manuscript submissions:
closed (10 May 2022)

Message from the Guest Editors

Dear Colleagues,

The area of AI, although introduced many years ago, has received considerable attention nowadays. This can be explained by the necessity to process a large amount of data, where efficient methods and algorithms are desirable. Modern technology relies on research in IP and AI, and a number of methods have been developed with the aim of solving problems in: recognition and classification of signals (image, speech, audio, medical signals), recognition of emotions, signal quality enhancement, detection of signals in the presence of noise, pattern recognition in signals (speech, image, audio, biomedical signals), automatic diagnosis, methods and algorithms in wireless sensors networks, deep neural networks (DNN), data compression, data clustering, quantization in neural networks (NN) and learning representation.

This Special Issue concerns not only the application of methods but the promotion of the development in these two fields, independently and combined. Potential topics include, but are not limited to:

- Artificial Intelligence
- machine learning
- Deep learning
- Neural network

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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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