Application of Deep Learning and Big Data Processing

Guest Editor:

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Message from the Guest Editor

In today's digital age, deep learning and big data processing has drawn significant attention in the scientific community. Deep learning exhibits remarkable capabilities in handling complex tasks such as image and speech recognition, natural language processing, and decision-making. Its ability to autonomously learn intricate patterns from data empowers applications in diverse domains, revolutionizing fields like healthcare, finance, and autonomous systems.

This Special Issue mainly focuses on the application of deep learning and big data processing techniques in various scientific fields. We are also interested in papers on scalable, efficient big data processing frameworks that enable the seamless integration of deep learning technologies. The topics of interest include but are not limited to the following:

- Computer Vision.
- Speech, Natural Language Processing and Understanding.
- Data Mining and Data Science.
- Distributed Computing.
- Big Data Infrastructure.
- Social and Economic Aspects of Deep Learning

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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