New Challenges in Machine Learning and Natural Language Processing

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Message from the Guest Editor

Natural Language Processing (NLP) has become a key technology of the information society. In recent years, research in NLP has mushroomed and many practical NLP applications have been brought to market including information retrieval systems and products for machine translation. Furthermore, recent large language models (LLM) such as GPT and BERT using Transformers have pushed the state-of-the-art on human-language interaction and large-scale document processing, However, it brings up numerous relevant unsolved theoretical and technological problems that await further research.

The Special Issue on new challenges in machine learning and NLP aims at assembling contributions by researchers from various fields of human language technology presenting results from the forefront of research and discussing the advanced state of the technology and its impact on our life.

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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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