Special Issue

Advances in Artificial Intelligence Methods for Natural Language Processing

Message from the Guest Editors

Recent years have shown significant progress in natural language processing using methods related to artificial intelligence. The advances in the NLP domain have influences on information retrieval methods, dialogue systems, automatic categorization of large text repositories etc. Thus, the purpose of this Special Issue is to publish high-quality research papers as well as review articles addressing recent advances in the field of computational linguistics. We are seeking papers on (but not limited to) the following general topics related to NLP:

- Automatic categorization (classification and clustering) of the documents
- Text representation
- Language resources and tools
- Sentiment analysis
- Effective algorithms for text processing (HPC 4 NLP)
- Machine translation
- Text summarization
- Generation of natural language
- Cognitive models of language understanding
- Anti-plagiarism systems
- Word sense disambiguation
- Information retrieval
- Ontologies for natural language
- Deep learning in NLP
- Entity identification and linking

Guest Editors

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Deadline for manuscript submissions

closed (20 April 2022)

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About the Journal

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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