Current Approaches and Applications in Natural Language Processing

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Message from the Guest Editors

Dear Colleagues,

Current approaches in Natural Language Processing (NLP) have shown impressive improvements in many major tasks: machine translation, language modelling, text generation, sentiment/emotion analysis, natural language understanding, question answering, among others. The advent of new methods and techniques like graph-based approaches, reinforcement learning or deep learning have boosted many of the tasks in NLP to reach human-level performance.

This Special Issue focuses on emerging techniques and trendy applications of NLP methods is an opportunity to report on all these achievements, establishing a useful reference for industry and researchers on cutting edge human language technologies. Given the focus of the journal, we expect to receive works that propose new NLP algorithms and applications of current and novel NLP tasks. The topics of this Special Issue include but are not limited to: Question answering; Knowledge extraction; Text generation; Text classification; Behaviour modelling; Dialogue systems; Reinforcement learning; Data augmentation; Graph based approaches; Adversarial approaches; Multi-modal approaches; Multi-lingual/cross-lingual approaches

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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