Applied Intelligence in Natural Language Processing

Guest Editors:

Dr. Adriano L.I. Oliveira
Centro de Informática, Universidade Federal de Pernambuco, Recife 50670-901, Brazil

Prof. Dr. Ellen P.R. Souza
Institute of Mathematics and Computing Sciences, Federal Rural University of Pernambuco, Recife 52171-900, Brazil

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Message from the Guest Editors

Dear Colleagues,

Nowadays, the explanation, formal modeling, and processing of language remain a challenge. In the past few years, the development of natural language processing has been able to deal with many issues such as emotional analysis, semantic analysis, and so on. One of the keys to the success of these real-life technologies is how NLP and AI integrate in seamless and appropriate ways.

This Special Issue aims to exploit the new opportunities of applied intelligence for future natural language processing by collecting new ideas, the latest findings, state-of-the-art results, and comprehensive surveys of applied intelligence. The topics in focus include, but are not limited to:

- NLP for search, recommendation, and representation;
- Natural language processing;
- Artificial intelligence;
- Text Analytics and Tourism;
- Text annotation using deep-learning approaches;
- Semantic reasoning;
- DL-based techniques and tools for NLP;
- sentiment analysis;
- information extraction;
- text summarization;
- machine translation;
- language modeling;
- speech recognition;
- text generation;
- text classification;

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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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