Natural Language Processing: Approaches and Applications

Guest Editors:

Prof. Dr. Evgeny Nikulchev
Department of Control Systems and Modeling, MIREA – Russian Technological University, 119454 Moscow, Russia

Prof. Dr. Vladimir Borisovich Barakhnin
1. Federal Research Center for Information and Computational Technologies, Ac. Lavrentiev ave., 6, 630090 Novosibirsk, Russia;
2. Department of Information Technologies, Novosibirsk State University, Pirogova str., 1, 630090 Novosibirsk, Russia

Deadline for manuscript submissions:
closed (31 May 2022)

Message from the Guest Editors

Dear Colleagues,

The natural language document processing is one of the most important tasks of modern information technologies. The results are used in a wide variety of fields: from extracting new information and knowledge from scientific publications in order to create the information and analytical systems to support the scientific activities, to the analysis of blogs for the purpose of study the consumer ratings of a particular product.

To solve this problem, the various approaches are used: the study of the lower structural levels of the text, in particular, the syntax and the vocabulary, allows the usage of classic finite state algorithms that permit to obtain the reliably interpreted results, while the study of the higher structural levels of the text, the semantics and the pragmatics, requires the usage of the machine learning methods.

All of the above defines a wide range of the tasks and the approaches to their solution, to which this special issue is devoted.

mdpi.com/si/88115

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us