Current Trends in Natural Language Processing (NLP) and Human Language Technology (HLT)

Guest Editor:

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Message from the Guest Editor

This Special Issue is concerned with technologies for processing human language in the form of text, with Natural Language Processing (NLP) tools and techniques responding to the two main existing challenges: natural language understanding and natural language generation. In the broad spectrum of research areas that are concerned with computational approaches to natural language, we will be looking at all main levels at which language processing is performed—the morphological level, the syntactic level, the semantic level, the pragmatic level, both from a theoretical and from a practical perspective. Topics include (but are not limited to) information extraction, information retrieval, text mining, text summarization, computational social science, discourse and dialog systems, interpretability, ethics in NLP, etc. Human language technology (HLT), requiring advanced NLP and computational linguistics, as well as the availability of big data, results in large-scale systems and applications and has been recognized as representing a major challenge for computing. The Special Issue deals with this challenge, one that will help bridge the linguistic gap between people and machines.

Special Issue

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Message from the Editor-in-Chief

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