Special Issue

Natural Language Processing in the Era of Deep Learning

Message from the Guest Editor

Natural Language Processing is living through a tantalizing period—Deep Learning (DL) is obtaining important results in traditional and novel tasks, and, hence, it is dominating the research agenda. The big question is: What is the role of non-DL methods? How existing and well-established algorithms can be positively used? Additionally, ultimately, how these models can shape neural networks? The Special Issue on "Natural Language Processing in the Era of Deep Learning" aims to bring together researchers to answer the big question and, hence, wants to investigate how non-DL models are used in current practice and systems.

Guest Editor

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Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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