Special Issue

Natural Language Processing and Event Extraction for Big Data

Message from the Guest Editors

The amount of textual data shared on the Web is overwhelming, and specific techniques are required to manage it and gather knowledge. Event Extraction (EE) is a sub-task of Information Retrieval (IR) whose scope is to extract events automatically from the text, understand what is happening around the world and identify information about where and when it happened and who was involved. EE has received considerable attention and has seen great progress in recent years. Several approaches have been developed distinguishing two types of EE: Sentence-level Event Extraction and Document-level Event Extraction. Hence, Natural Language Processing (NLP) techniques play a key role in this challenge allowing the extraction of structured information from freeform text. The scope of this Special Issue is to collect recent advances in NLP in the field of EE, focusing on techniques that are able to process text published on the Web, e.g., social media and online newspapers, and identify event descriptions (participants, location, and time). We look forward to your submissions.

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About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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