

Special Issue

Multimedia Systems for Multimedia Big Data

Message from the Guest Editors

At present, a huge amount of multimedia data is collected in many different areas (social media, medicine, sport, etc.). Processing and retrieving information from these large-scale data sources is an important but difficult task. It usually requires a complex pipeline of different steps which together form a multimedia system. To be able to create these multimedia systems, one has to touch on different aspects such as analysis, feature extraction, systems and efficiency, where both functional and non-functional requirements must be met. Most researchers within the field of multimedia have at one point of their research created a complete pipeline for multimedia data (application and system wise), and the overall focus of this Special Issue is to offer a platform to describe these systems, components, and methods needed for efficient handling of big scale multimedia data. The areas of interest include: Operating systems; Distributed architectures and protocols; Efficient processing of large-scale data; Efficient processing of multivariate data; Multimedia systems and applications; Retrieval and analysis methods.

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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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