

Special Issue for Recent Patents on Computer Science

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Recent Advances in Big Data Management

Aims & Scope:

Big data, as a new ubiquitous term, is transforming science, engineering, medicine, healthcare, finance, business, and ultimately society itself. Big Data has become an emerging paradigm for the practitioners and researchers to explore the value of datasets whose size is beyond the ability of commonly used software tools. As such, big data management is spurring on tremendous amounts of research and development of related technologies and applications.

This special issue is intended to foster the dissemination of recent advances in cloud computing and big data. It is including the theory, architecture and utility, particularly related to the use of cloud computing technologies to deal with big data. We invite the submissions of high quality papers describing future potentials or on-going work.

The issue will carry revised and substantially extended versions of selected papers presented at the 2016 Second International Conference of Cloud Computing Technologies and Applications ([CLOUDTECH'2016](#)), but we also strongly encourage researchers unable to participate in the conferences to submit articles for this call.

Key words:

Cloud computing, big data, privacy, security, service, data storage, data management, stream processing, batch processing, MapReduce, architecture, pervasive computing

Topics Covered in this Special issue:

Architectures and Applications of Big Data

Big Data as a Service

Big Data in Pervasive Computing

Big Data Security and Privacy

Big Data for Enterprise

Datacenter and Big Data in Cloud

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Schedule:

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