

**The 6th International Workshop on Big Data Management and Service (BDMS 2019)  
in conjunction with DASFAA 2019**

The proliferation of new technologies such as Internet of things, social networks and cloud computing produces datasets whose volume, velocity, and variability is beyond the ability of commonly-used software tools. Efficient processing of big data creates notable research challenges and opportunities for traditional databases and infrastructure. On the other hand, computing and software are turned into commodity services by cloud computing, so it is necessary to examine Big Data as a Service (BDaaS) from both technology and business aspects.

This BDMS 2019 workshop intends to bring together researchers, practitioners, and developers from academia and industry to discuss cutting edge research on big data management and service, such that the interactions among the experts of these areas can be promoted and new interdisciplinary technologies can be developed. The scope of the workshop includes big data management techniques such as big data modeling, analytics, and toolkits, as well as techniques and case studies for providing big data as a service.

This workshop welcomes different kinds of papers that emphasize theoretical foundations, algorithms, systems, and applications for big data management and service. Submitted papers may address issues including big data theory, architecture, modeling, analytics, mining, business, toolkits, visualization, open platforms, applications. Papers of applied research, industrial experience reports, work-in-progress and vision papers with different criteria for each category are also solicited.

#### Topics

The topics of interest include, but are not limited to the following:

- Challenges and Open Problems for Big Data Management and Service (Vision Paper)
- Big Data Theory, Modeling and Representation
- Big Data Platforms, Systems, and Architecture
- Big Data Mining and Analytics
- Distributed and Parallelized Algorithms for Big Data
- Real-time and Streaming Algorithms for Big Data
- Big Data Toolkits and Visualization
- Big Data Applications (Internet of Things, Social Networks, etc.)
- Security, Trust and Privacy Issues in Big Data Sharing
- Delivery, Deployment, and Maintenance of Big Data as a Service (BDaaS)

#### Submissions

Authors are invited to submit electronically original, English-language research contributions not concurrently submitted elsewhere. Accepted papers will be published by Springer as proceedings in Lecture Notes in Computer Science (LNCS). All submitted papers should be Springer LNCS camera-ready format. The style files are available from Springer LNCS site.

All submissions files should be in PDF formats. The length of the paper could be 10 to 15 pages. The number of pages should not exceed 15 pages. Any paper more than 15 pages will be rejected.

Please submit your paper(s) at:  
bdms2019@163.com

#### Important Dates

Full Papers Due 30 / 12 / 2018

Notification to authors 15/ 01 / 2019

Camera Ready Due 21 / 01 / 2019

Conference 22 - 25/ 04 / 2019

Organization -----

#### Program Co-Chairs:

Xiaoling Wang, East China Normal University, China

Kai Zheng, University of Electronic Science and Technology of China, China

An Liu, Soochow University, China

#### PC members:

Muhammad Aamir Cheema (Monash University, Australia)

Cheqing Jin (East China Normal University, China)

Qizhi Liu (Nanjing University, China)

Bin Mu (Tongji University, China)

Yaqian Zhou (Fudan University, China)

Xuanjing Huang (Fudan University, China)

Yan Wang (Macquarie University, Australia)

Lizhen Xu (Southeast University, China)

Xiaochun Yang (Northeastern University, China)

Kun Yue (Yunnan University, China)

Dell Zhang (University of London, UK)

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