

**The 2013 International Workshop on Big Data Management and Service  
(BDMS 2013)  
in conjunction with WAIM 2013 Beidaihe, China, 14-16 June, 2013**

**Important Dates**

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Paper submission deadline: \*March 31, 2013\*  
Author Notification: April 21, 2013  
Final Camera-ready Copy Deadline: April 28, 2013

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**Description**

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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 2013 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**

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

- Challenges for Big Data Management and Service
- Big Data Theory
- Big Data Architecture
- Big Data Modeling
- Big Data Analytics
- Big Data Mining

- Big Data Business
- Big Data Toolkits
- Big Data Visualization
- Big Data Open Platforms
- Big Data Applications (Internet of Things, Social Networks, etc.)
- Big Data Sharing and Privacy Preserving
- Security, Trust and Risk in Big Data
- Big Data as a Service (BDaaS)
- Delivery, Deployment, and Maintenance of BDaaS
- Engineering Practices and Case Studies of BDaaS

## Submissions

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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 number of pages should not exceed 12 pages. Any paper more than 12 pages will be rejected.

## Organization

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### Workshop General Co-Chairs :

Zhe Shan, Manhattan College, USA

An Liu, University of Science and Technology of China, China

### Program Co-Chairs:

Xiaoling Wang, East China Normal University, China

Liwei Wang, Wuhan University, China

Kai Zheng, The University of Queensland, Australia

### PC members:

Wei Chen (Beijing Institute of Technology, China)

Cheqing Jin (East China Normal University, China)

Qizhi Liu (Nanjing University, China)

Bin Mu (Tongji University, China)

Xuequn Shang (Northwestern Polytechnical University, China)

Weilai Sun (Fudan University, China)

Mingjun Xiao (University of Science and Technology of China, China)

Haoran Xie (City University of Hong Kong, Hong Kong)

Lizhen Xu (Southeast University, China)

Xiaochun Yang (Northeastern University, China)

Kun Yue (Yunnan University, China)

Dell Zhang (University of London, UK)  
Xiao Zhang (Renmin University of China, China)