

CALL FOR PAPERS

Data Management in the Cloud (DMC) Workshop 2012

In Conjunction with the IEEE International Conference on Data Engineering (ICDE 2012)

April 5, 2012, Washington DC, USA

<http://www.nec-labs.com/dm/dmc2012/>

Workshop Organizers

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Program Committee

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The DMC Workshop

The cloud computing has emerged as a promising computing and business model. By providing on-demand scaling capabilities without any large upfront investment or long-term commitment, it is attracting wide range of users. The database community has also shown great interest in exploiting this new platform for data management services in a highly scalable and cost-efficient manner. As a result, the cloud computing presents challenges and opportunities for data management. The DMC workshop aims at bringing researchers and practitioners in cloud computing and data management systems together to discuss the research issues at the intersection of those areas, and also to draw more attention from the larger data management research community to this new and highly promising field.

Topics of Interest

The DMC workshop calls for contributions that address fundamental research and system issues in cloud data management including but are not limited to the following topics.

- Elasticity for Cloud Data Management Systems
- Resource and Workload Management in Cloud Databases
- Multi tenancy
- High Availability and Reliability in Cloud Databases
- Cloud computing infrastructure designs for cloud data services
- Transactional models for Cloud Databases
- Distributed and Massively Parallel query processing
- Storage architectures and technologies for cloud databases
- Privacy and security in cloud data management
- Mobile cloud data management
- Cross-platform interoperability
- Service Level Agreements
- Economic/business models and pricing policies
- Novel data-intensive/data-rich computing applications
- Virtualization and Cloud Databases

Submissions Guidelines

Authors should submit papers reporting original works that are currently not under review or published elsewhere. All submissions must be prepared in the IEEE camera-ready format. The workshop solicits both full papers and short papers (e.g. experience reports, preliminary reports of work in progress, etc.). Full papers should not exceed 8 pages in length. Short papers should not exceed 4 pages.

All accepted papers will be published in the ICDE proceedings and will also become publicly available through the IEEE Xplore.

All papers should be submitted in PDF format using the online submission system at:

<https://cmt.research.microsoft.com/DMC2012/>

Important Dates

Paper submission deadline: October 1, 2011
Author Notification: November 1, 2011
Final Camera-ready Copy Deadline: November 08, 2011