



**The First International Workshop on Data Management  
for Emerging Network Infrastructures (DaMEN)**  
*in conjunction with DASFAA 2011, April 22-25, Hong Kong, China*

**Call For Paper**

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<http://www.comp.hkbu.edu.hk/damen>

The emerging network infrastructures such as P2P, mobile and sensor networks, and cloud computing were once lab toys. Nonetheless, they show strong potential to become mainstays in the foreseeable future. While most network-side issues have been addressed or resolved, the data management issues that arise from the real deployment of these infrastructures are ever increasing. In particular, challenges associated with acquiring, storing, processing, and analyzing large-scale data from these heterogeneous networks call for novel data management techniques. The inherently dynamic nature of these networks further poses new research issues, such as privacy and security. This workshop aims to facilitate the collaboration between researchers in database and networking areas by presenting cutting edge research topics and methodologies.

**Topics:**

We encourage papers that propose novel data management techniques for tasks such as:

- distributed data storage and indexing techniques
- query processing and optimization on new networks
- data integration for heterogeneous networks
- security and privacy issues in emerging networks
- networking support for data management
- data management in mobile and sensor networks
- data management in P2P and cloud computing
- data management benchmarking for new network infrastructures
- challenges and visions for new services and applications
- experience with real-world applications on emerging networks

### Submission:

Authors are invited to submit electronically original, English-language research contributions not concurrently submitted elsewhere. Your submissions should be formatted in Lecture Notes in Computer Science (LNCS) format, and not exceeding 12 pages. The style files are available from [Springer LNCS site](#). Please submit your manuscripts in PDF formats to the workshop submission site:

<https://cmt.research.microsoft.com/DAMEN2011/>

Accepted papers will be published in a combined volume of Lecture Notes in Computer Science series published by Springer.

### Important Dates:

**Paper submission:** ~~December 15~~, **December 22, 2010, 7PM (Pacific Time)**

**Notification:** **January 15, 2011**

**Camera-Ready:** **January 22, 2011, 7PM (Pacific Time)**

### Organizers:

#### General Co-Chair:

Prof. Aoying Zhou (East China Normal University, China)

Prof. Yoshiharu Ishikawa (Nagoya University, Japan)

#### Program Co-Chairs:

Dr. Haibo Hu (Hong Kong Baptist University, Hong Kong)

Dr. Weining Qian (East China Normal University, China)

#### Program Committee Members

Jidong Chen (EMC Research China Lab, China)

Yueguo Chen (Renmin University of China, China)

Reynold C.K. Cheng (University of Hong Kong, Hong Kong)

Byron Koon-Kau Choi (Hong Kong Baptist University, Hong Kong)

Chi-Yin Chow (City University of Hong Kong, Hong Kong)

Haibo Hu (Hong Kong Baptist University, Hong Kong)

Hideyuki Kawashima (University of Tsukuba, Japan)

Ken C. K. Lee (University of Massachusetts Dartmouth, USA)

Weining Qian (East China Normal University, China)

Lidan Shou (Zhejiang University, China)

Hongzhi Wang (Harbin Institute of Technology, China)

Linhao Xu (IBM China Research Lab, China)

Wenwei Xue (Nokia Research China)

Ying Yan (Microsoft Search Technology Center)

Man Lung Yiu (Hong Kong Polytechnic University, Hong Kong)

Tomoki Yoshihisa (Osaka University, Japan)

Rong Zhang (East China Normal University, China)

Baihua Zheng (Singapore Management University, Singapore)