

MCIS2009 CALL FOR PAPPERS

Second International Workshop on Managing Data Quality in Collaborative Information Systems

April 20, 2009 Brisbane, Australia

<http://www.itee.uq.edu.au/~dasfaa/workshop/MCIS.htm>

In conjunction with the 14th International Conference on
Database Systems for Advanced Applications (DASFAA2009)

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Important Dates

Jan 15, 2009

Submission of Papers

Feb 28, 2009

Notification to Authors

Mar 15, 2009

All Camera-Ready Copies Due

Apr 20, 2009

Workshop

Poor data quality is known to compromise the credibility and efficiency of commercial as well as public endeavours. Several developments from industry and academia have contributed significantly towards addressing the problem. These typically include analysts and practitioners who have contributed to the design of strategies and methodologies for data governance; solution architects including software vendors who have contributed towards appropriate system architectures that promote data integration and; and data experts who have contributed to data quality problems such as duplicate detection, identification of outliers, consistency checking and many more through the use of computational techniques. The attainment of true data quality lies at the convergence of the three aspects, namely organizational, architectural and computational.

The workshop will provide a forum to bring together diverse researchers and make a consolidated contribution to new and extended methods to address the challenges of data quality in collaborative settings. Topics covered by the workshop include at least the following:

- Data integration, linkage and fusion
- Entity resolution, duplicate detection, and consistency checking
- Data profiling and measurement
- Use of data mining for data quality assessment
- Methods for data transformation, reconciliation, consolidation
- Algorithms for data cleansing
- Data quality and cleansing in information extraction
- Dealing with uncertain or noisy data (e.g., sensor data)
- Data lineage and provenance
- Models, frameworks, methodologies and metrics for data quality
- Application specific data quality, case studies, experience reports
- User/social perceptiveness on data quality and cleansing
- Data quality and cleansing for complex data (e.g. documents, semi-structured data, XMLs, multimedia data, graphs, bio-sequences etc.)

Authors should submit papers reporting original works that are currently not under review or published elsewhere. The workshop proceedings are to be published as part of Springer's Lecture Notes in Computer Science series. After the workshop, contact will be made with an International Journal to publish a selection of best papers.

Further information about MCIS2009 can be found at the conference website (<http://www.itee.uq.edu.au/~dasfaa/workshop/MCIS.htm>)