

The ability to detect and correct errors in the data, and more broadly to develop techniques for data quality assessment, has long been recognized as critical to the functionality of a large number of applications, in areas ranging from business management to data-intensive science. While many of the technical issues associated with data quality have been known for quite some time, novel applications still pose original challenges, while advances in data management technology offer ideas for novel approaches.

The sixth in a workshop series dedicated specifically to problems of Quality in Databases, QDB'08 is a qualified forum for presenting and discussing novel ideas and solutions related to the problems of assessing, monitoring, improving, and maintaining the quality of data. Previous editions of the workshop were co-located with top-level data management conferences, namely SIGMOD and VLDB.

The workshop on Management of Uncertain Data (MUD) is the third in a row addressing the area of techniques for handling uncertainty in data. The first workshop took place at the University of Twente in 2006 in the Twente Data Management workshop series and last year the workshop was also co-located with VLDB.

This year, QDB and MUD have joined forces and have been able to offer a rich and qualified program, consisting of 12 original research papers, each subject to the scrutiny of at least three reviewers, and an invited talk. The workshop structure reflects three main areas of interest from the community. The first session addresses traditional issues of Record Linkage and Data Correction using distinctly novel techniques. The second session is entirely dedicated to extending database operations to handle uncertainty in data. Finally, original methods and techniques for Data Quality assessment are presented in the third session.

The workshop includes an invited talk by Zachary Ives, of University of Pennsylvania, addressing the consistency issues that are faced in the context of the Orchestra project, when multiple independent evolution paths in the database are supported.

We would like to thank the PC members for their effort in reviewing the papers and of course the authors of all submitted papers for their work. We also would like to thank the Centre for Telematics and Information Technology (CTIT) for sponsoring the proceedings. Last, but not least, we would like to thank the VLDB organizers for their support in organizing this workshop.