



Making High-Quality Data the Norm

20th Annual International Conference on Information Quality (ICIQ-2015)

Massachusetts Institute of Technology

July 24, 2015



BACKGROUND

The *International Conference on Information Quality* (ICIQ) attracts researchers and practitioners working in the academic, public and private sectors around the globe. This year the conference will be held on the MIT Campus in Cambridge, Massachusetts, USA on July 24, 2015, following the annual MIT Chief Data Officer and Information Quality Symposium which will be held July 22-23, 2015 (<http://www.mitcdoiq.org/>).

Over the last 20 years, the Information Quality field has made substantial progress. Many organizations have made and sustained up to two orders of magnitude improvement. The business benefits from reducing cost to making trusted decisions are enormous. Today people and their organizations have easy access to a variety of data quality frameworks, assessment methods, techniques to find and eliminate root causes of error, transformational tools, and literature on information quality theory and practice.

However despite these gains, consistently getting the right data to the right people for effective decision-making remains elusive for most organizations. Big data, sophisticated analytics, data-driven cultures, and “managing data as an asset” are of increasing importance across all industries and government agencies - intensifying the importance of having high data quality all the time.

“Making High-Quality Data the Norm” is about using the 20th Anniversary of ICIQ to showcase the work that people and organizations are doing to take on the challenge of making high quality information an everyday occurrence for knowledge workers in organizations and society as a whole. The conference program will feature tracks of research papers, practice-oriented papers, and panel sessions.

TOPICS OF INTEREST (not limited to):

Corporate and Organizational Strategies for IQ

- * IQ Management and Data Governance
- * Alignment of IQ with Business Strategies
- * Business Process Performance
- * IQ Assessment, Policies, and Standards
- * Cost/Benefit Analysis of IQ

Methods, Concepts, and Tools for IQ

- * IQ Concepts, Metrics, Measures, and Models
- * Method Engineering for IQ
- * Trust, Knowledge, and Society
- * Data Provenance and Annotation
- * Information Product Theory and Practice
- * Metadata and IQ
- * IQ Education and Training

Technologies for IQ Improvement and Assurance

- * Data Scrubbing and Cleansing
- * Record Linkage and Entity Resolution
- * Unstructured and Extracted Data
- * Probabilistic, Fuzzy, and Uncertain Data
- * Sensor Networks and Information Fusion
- * Privacy & Security Issues

IQ Cases and Applications Involving

- * Social Media Data and e-Business
- * Data Warehousing and Business Intelligence
- * Master Data Management
- * Healthcare, Scientific, or Biometric Data
- * Community Input, Crowd Sourcing
- * Other Case Studies or Experience Reports

ICIQ-2015 IMPORTANT DATES

March 1, 2015: Submission deadline

April 30, 2015: Notification of acceptance

June 1, 2015: Camera-ready copy due

July 24, 2015: ICIQ Conference

SUBMISSION GUIDELINES

Submissions must be identified as a completed academic paper, research-in-progress, or a practice-oriented paper. Practice-oriented papers may be submitted as PowerPoint presentations. Due to the double-blind review process, authors should avoid identifying themselves in the submitted materials. Submission Website: <https://cmt.research.microsoft.com/ICIQ2015/>

ICIQ-2015 Conference Co-Chairs

Elizabeth Pierce, University of Arkansas at Little Rock, epierce@ualr.edu

Rich Wang, MIT, rwang@mit.edu