

17th International Conference on Information Quality (ICIQ 2012)

Paris, France

November 15-17, 2012

Organized in collaboration with the Computer Science Department of the Conservatoire National des Arts et Métiers (CNAM Paris) and the French Association ExQI

Information Quality in the Mobile Era

Company business performance highly depends on information governance. Thus, Information Quality is of prime importance to ensure a high level of information governance. It has been witnessed that organizational performance depends on the ability of companies to master their information systems. Consequently, information quality is a hot topic both in academic research and in business practices.

The International Conference on Information Quality (ICIQ) attracts researchers and practitioners from the academic, public and private sectors. Held on the MIT Campus in Cambridge, Massachusetts since 1996, ICIQ was hosted by the Hasso Plattner Institute (HPI), Germany in 2009, by the University of Arkansas at Little Rock, USA in 2010, and by the School of Computer & Information Science at the University of South Australia in 2011.

The 17th International Conference on Information Quality (ICIQ 2012) will be held in Paris in November 2012. Its aim is to gather researchers and practitioners and exchange about information quality issues.

The conference program will include tracks of research papers, practice-oriented papers, poster sessions and a doctoral consortium. Accepted papers will compete for the [Stuart E. Madnick IQ Best Paper Award](#) (US\$1,000). Further, the best paper and other high-quality papers will be considered for fast track to the ACM Journal of Data and Information Quality.

[Prof. Rolf Wigand](#), who chairs the [Ballou and Pazer IQ Dissertation Award](#) (US\$1,000), will announce the winner at the ICIQ-2012 opening ceremony.

Topics of Interest

We solicit submission of original research, as well as experience papers, from both researchers and practitioners. We welcome any topic where Information Quality is the major theme. Specific examples of topics include, but are not limited to, Information Quality (IQ) as applied to:

Corporate and Organizational IQ

- IQ Management and Data Governance
- Alignment of IQ with Business Strategies
- Role of IQ in Business Process Performance
- IQ Education and Curriculum Development

Methods, Concepts, and Tools for IQ

- IQ Concepts, Metrics, Measures, and Models
- Engineering Methods for IQ
- Trust, Knowledge, and Society

- Data Provenance and Annotation
- Information Product Theory and Practice
- Metadata and IQ
- IQ of Unstructured and Extracted Data
- IQ in Probabilistic, Fuzzy, and Uncertain Data
- IQ in Sensor Networks and Information Fusion
- Data Quality Systems and Tools
- Data Quality by Design in Software Engineering

Measurement, Improvement, and Assurance of IQ

- Data Scrubbing and Cleaning
- Record Linkage and Entity Resolution
- IQ Assessment, Policies, and Standards
- Cost/Benefit Analysis of IQ Improvement
- Privacy & Security Issues in Data Cleansing
- Measurement of Error Propagation
- Error Prevention

IQ in New Eras

- IQ in the Web 2.0
- IQ in the Mobile Era
- IQ in the Cloud

IQ Cases Studies and Applications

- IQ Practices: Case Studies and Experience Reports
- ISO8000 Implementation Cases
- Business Intelligence Cases
- IQ in the Web, Data Integration, and e-Business
- Data Warehousing and Business Intelligence
- Master Data Management
- Scientific Data
- Community Input, Pay as You Go, and Crowd Sourcing

Important Dates

July 1, 2012: Full paper submission

August 8, 2012: Author notification

August 31, 2012: Early registration deadline

September 6, 2012: Camera-ready paper submission

November 15-17, 2012: Conference

Case Studies

Presentation of case studies in industry will be accepted on the basis of a review of an abstract.

September 6, 2012: Abstract submission

September 30, 2012: Author notification

Submission Guidelines

Submissions must be identified as a completed academic paper, or a practice-oriented paper. Due to the double-blind review process, authors should avoid identifying themselves in the submitted materials. For paper template and formatting guidelines, visit :

<http://iciq2012.cnam.fr/>

ICIQ2012 will also include poster sessions, providing the opportunity to present early research results, work-in-progress and to engage in one-on-one, informal discussions with colleagues and peers. Poster proposals must not exceed 5 pages. Accepted posters will be presented in a 5 min poster flash session and will appear in the final proceedings of the conference. At least one of the poster authors must be a registered participant at the conference, and attend the poster session to present the work.

Conference Dates

November 15, 2012: DEP2012 Annual Conference of the French Association ExQI

November 16, 2012: ICIQ2012

November 17 (morning), 2012: ICIQ2012

Conference Organization

General Co-Chairs

Jacky Akoka

Andy Koronios

Brigitte Laboisie

John Talburt

Program Committee Co-Chairs

Laure Berti-Equille

Isabelle Comyn-Wattiau

Monica Scannapieco

Doctoral Committee Co-Chairs

Samira Si-said Cherfi

Raul Ruggia

Academic keynote speakers

Stuart Madnick

Felix Naumann

Industry keynote speaker

Marielle Vo-Van (Bouygues Telecom)

Program Committee (to be completed and confirmed)

Nitin Agarwal

Stuart Ainsworth

Latif Al Kahim

Carlo Batini

David Becker

Michael Boggs

Paul Bowen

Mikhaila Burgess

Ismael Caballero

Lan Cao

Cinzia Cappiello

InduShobha Chengalur-Smith

Shobha Chengalur-Smith

Chia-Chu Chiang

Fei Chiang

Claudio di Ciccio

Serhan Dagtas

Tamraparni Dasu

Bruce Davidson

Tina Du

Adir Even

Craig Fisher

Zbigniew J Gackowski

Jing Gao

Marcus Gebauer

Michael Gertz

Abrar Haider

Olaf Hartig

Andy Hayler
Markus Helfert
Steve Jennings
Beverly Kahn
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Jochen Kokemüller
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Eitel Lauria
Yang Lee
Peggy Leonowich-Graham
Philip Lesslar
Jiuyong Li
Bart Longenecker
Andrea Maurin
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Michael Mielke
Mariofanna Milanova
Vincent Millist

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Elizabeth Pierce
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Srini Ramaswamy
Tom Redman
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Grant Robinson
Ines Rossak Erfurt
David Rowlands
Laura Rusu
Shazia Sadiq
Kai-Uwe Sattler
Scott Schumacher
Thomas A. J. Schweiger
Laura Sebastian-Coleman
Yasuki Sekiguchi

Ken Self
Valerie Sessions
Ganesan Shankaranarayanan
Graham Shanks
John (Skip) Slone
Besiki Stvilia
John Talburt
Terry Talley
Giri Kumar Tayi
Mihail E. Tudoreanu
Niels Weigel
Rolf Wigand
Philip Woodall
Harris Wu
Ningning Wu
C. Lwanga Yonke
Diego Zardetto
Harry Zhu