



# *Focus on Information Value and Strategy*

## 22<sup>th</sup> Massachusetts Institute of Technology International Conference on Information Quality (ICIQ-2017)

Hosted by the University of Arkansas at Little Rock, USA  
October 6-7, 2017, [iciq.global](http://iciq.global)



Each submission **must** be identified as **one** of the following:

- **Completed research paper**
- **Research-in-progress:** The authors need to have an interesting problem that is clearly motivated and the submission should stand on its own. The authors are expected to have some preliminary results to report on by the time of their presentation.
- **Practitioner submission:** Practitioner submissions should be in MS PowerPoint format, share best practices relevant to the conference topics, and be vendor neutral. All practitioner submissions will be reviewed and selected by the program chairs.

All research papers (completed and in-progress) will undergo a double-blind peer review. Therefore please do not include author names on the title page. Also be careful to redact author self-references in the body of the paper or other author identifying information.

Submissions will be reviewed for the quality of research contribution and relevance to the conference topics. However, it will be helpful if your submission follows the guidelines listed below. If your paper is accepted, at least one of the authors will be expected to

1. Register and attend the conference
2. Make an oral presentation on the findings of your paper
3. Submit a final version of the paper by the announced deadline incorporating review comments and in full conformance to the following formatting guidelines (A example template is provided on the conference website)

### **PAGE SPECIFICATIONS:**

**Medium:** Microsoft® Word

**Paper Size:** U.S. Letter (8.5 x 11 in.) (215.90 mm x 279.18 mm)

**Suggested number of Pages:** Not to exceed 15, including references and appendices

### **PAGE LAYOUT:**

**Margins: Top: 1"; Bottom: 1"; Left: 1"; Right: 1" (25.38 mm)**

**Header from edge: Keep U.S. default (0.5"/12.69 mm)**

**Footer from edge: Keep U.S. default (0.5"/12.69 mm)**

**Columns:** Single Column

**Page Numbering:** None

**Headers and Footers:** None, leave blank

### **TEXT & PARAGRAPH FORMATTING:**

**Font:** Times New Roman or similar font

**Line Spacing:** Single Space

**Title:** 18-point, bold, small caps, centered

**Paragraphs:** Space 6 points after

**Paper Category:** 11-point, centered, in parentheses & following the title: identify your paper as

“**Research- in-progress**,” “**Research Paper**,” or “**Practice-Oriented**”; leave blank line between this section and author names

Omit these three items from the review submission, only include in the final accepted version

**Author Names:** 11-point, centered

**Affiliations:** 11-point, centered

**eMails:** 11-point, centered, space 2 lines after emails and before abstract

**Abstract:** 11 points, centered, indented by 0.25” both left and right;

**Key Words** (optional): 11-point, left-justified;

**Heading 1:** 16 points, bold, small caps; space 10 points before and after Heading 1

**Heading 2:** 14 points, bold, italic; space 6 points before and after Heading 2

**Heading 3:** 11 points, bold, space 6 points before and no space after Heading 3

**Body Text:** 11 points, left and right justified

**References:** 11 points

## **SECTIONS**

While the exact section titles and contents may vary, your paper should strive to cover common organizational elements such as Introduction, Background, Rationale & Purpose, Methods, Results, Discussion, Limitations, and Conclusion, Bibliography and Appendices.

## **FIGURES AND TABLES:**

**Caption:** Title and figure number beneath figure/table, justified left or centered.

## **REFERENCES:**

We will accept any commonly used reference style (e.g., APA, MLA, Harvard, etc.). Use hanging indent to make them more readable.

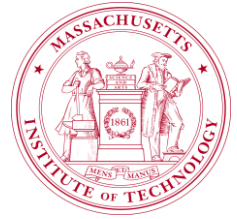
See relevant topics and in the attached call for papers



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The MIT *International Conference on Information Quality* (ICIQ) held annually since 1995 is the premier conference in the field of information and data quality. ICIQ attracts researchers and practitioners from around the globe. In 2017 the conference will be held on the campus of the University of Arkansas at Little Rock (UALR) on October 6-7, 2017. UALR is the only university in the United States to offer masters and doctoral degrees in information quality. The UALR Information Quality Graduate Program resides in the Donaghey College of Engineering and Information Technology, which also houses the UALR Institute for Chief Data Officers.

The discipline of Information and Data Quality continues to mature as organizations recognize information to be among their most important assets. This is reflected in the growing adoption of governance programs as a way to assure that information is managed as an asset.

However, an information quality and governance program will not by itself guarantee success. It requires leadership and ownership by business at the executive level. In many data-driven enterprises, this leadership, vision, and strategy reside with the Chief Data Officer (CDO).

For these reasons, the theme of ICIQ 2017 is “Focus on Value and Strategy” Value and strategy from data provisioning, data cleansing, data transformation, and data integration to building an effective data governance program, and investing in IQ education and training, change management, DQ metrics, and information privacy and security. The conference program will feature tracks of research papers, practice-oriented papers, and panel sessions.

### **TOPICS OF INTEREST (but not limited to):**

- Corporate and Organizational Strategies for IQ
  - \* The role of the Chief Data Officer (CDO)
  - \* 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-2017 IMPORTANT DATES**

**May 15, 2017:** Submission deadline

**July 14, 2017:** Notification of acceptance

**August 14, 2017:** Camera-ready copy due

**October 6-7, 2017:** ICIQ Conference

### **SUBMISSION GUIDELINES**

To be posted at [ICIQ.global](http://iciq.global)

### **ICIQ-2017 Conference Co-Chairs**

**Richard Wang**, Massachusetts Institute of Technology, [rwang@mit.edu](mailto:rwang@mit.edu)

**John R. Talburt**, University of Arkansas at Little Rock, [jrtalburt@ualr.edu](mailto:jrtalburt@ualr.edu)

### **ICIQ-2017 Program Co-Chairs**

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