

ICIQ-2016- Doctoral Consortium

Call for Doctoral Consortium Papers

The ICIQ-2016 Doctoral Consortium will take place as part of the 21st International Conference on Information Quality (ICIQ), in Ciudad Real (Spain) at the Escuela Superior de Informática the June 22– 23 June, 2016.

The Doctoral Consortium provides Ph.D. students working on the Information Quality area the opportunity to share and discuss their research work.

The Consortium aims to broaden research perspectives and to improve research and communication skills of the students, in addition to create an international atmosphere where students will meet prominent professors, researchers, and other Ph.D. students from around the world.

Students will interact with senior researchers of the Data Quality research community that will comment the proposed research problems as well as potential solutions.

In order to maximize the benefit to the participants as well as the scientific discussion, we require students to have reached some preliminary results in their thesis, ideally with some preliminary publications.

Submissions

The Doctoral Consortium is intended for students who are at middle, or late stages of a Ph.D. program.

Early Stage Ph.D. students are welcome to apply and to focus mainly on the research problem, a deep analysis of the existing knowledge, the research methodology, research questions, and a proposed research plan.

Middle or Final Stage Ph.D. students will also present a research problem, a deep analysis of the state-of-the-art, the research methodology and questions, but they will detail the proposed approach and the results obtained so far.

The proposal paper must include the following sections, depending on the type of submission:

1. Context setting and motivation:
 - Clear description of the problem to be addressed as well as the main challenges.
 - Objective of the Research, including Research Questions.
 - Opportunities. Why existing approaches have never been tried/done/achieved this problem before
2. Proposed Approach:
 - Formal Definition and main characteristics of the approach
 - Connections between the proposal and state-of-art approaches
3. Implementation and practical application of the proposed approach:
 - How will you demonstrate/implement your approach?
 - Describe your current implementation.
4. Lessons learned so far and open issues.

- Although it's not expected to have solved all the issues you should show an understanding of their implications and to have a clear plan to address them.
- This is an important section, it's expected that a contribution.

Additional submission requirements:

- All submissions must be single-author submissions. The Ph.D. advisor(s) and other contributors should be included in the Acknowledgements section.
- The stage of the doctoral work (early, middle, or final) must be stated.
- Authors of the accepted papers must present their work at the Consortium and stay the whole session.
- Authors will have neither achieved their Ph.D. degree nor officially submitted their thesis before the Doctoral Consortium.
- Doctoral Consortium submissions are not regular research papers; the suggested proposal outline should be closely followed.
- Submissions must not exceed of 8 pages and have to follow the indications provided at <http://www.acm.org/publications/article-templates/word-style-guide/>. Papers should be submitted by means of <http://cmt3.research.microsoft.com/ICIQ2016>.
- In the case you have submitted a paper to ICIQ 2016, and it has been rejected, think about improving your paper with the review and resubmit again. Feedback from the panel will be very valuable for your PhD.

Review Process and acceptance:

All proposals submitted to the Doctoral Consortium will undergo a thorough reviewing process with the goal of providing a detailed, reflective, and constructive feedback. An international program committee will evaluate and select the submissions to be presented at the Doctoral Consortium; the best proposals will be published in the conference proceedings.

Papers will be evaluated in terms of the following criteria:

- Motivation and relevance of the proposed research.
- Analysis of the existing knowledge and related work.
- Novelty of the proposed approach.
- Publication of preliminary results.
- Analysis of lessons learned and open issues.
- Clarity of the paper.

Topics of Interests:

The Consortium has the same scope of technical topics as the main ICIQ conference.

- Corporate and Organizational Strategies for Information Quality
 - Information Quality Management, Data Governance, and CDO
 - Alignment of IQ with Business Strategies
 - Information Quality and Business Process Performance
 - Information Quality Assessment, Policies, and Standards
 - Cost/Benefit Analysis of IQ
- Methods, Concepts, and Tools for Information Quality

- IQ Concepts, Metrics, Measures, and Models
- Data Quality by Design
- Best Practices in Data Quality Management and in Data Governance
- Data Provenance and Annotation
- Information Product Theory and Practice
- IQ Education and Training
- Technologies for IQ Improvement and Assurance
 - Data Scrubbing and Cleansing
 - Master Data Management and Entity Resolution
 - Data Quality and Testing
 - IQ in SMACT (including DQ in Industrial Internet)
 - Privacy & Security Issues
- Information Quality Cases and Applications Involving
 - Information Quality in Open (Linked) Data
 - Information Quality in Social Media Data and e-Business
 - Information Quality in Data Warehousing, Business Intelligence and Web Warehouse
 - Healthcare, Scientific, or Biometric Data
 - Industrial IQ in Big Data and in Internet of Things
 - Other Case Studies or Experience Reports

Important Dates

- **Deadline Paper Submission: May 30, 2016.**
- **Notification of acceptance: June 3, 2016.**
- **Camera Ready Versions: June 6, 2016.**