

IEEE International Workshop on Data Quality for Intelligent Systems

in conjunction with [QRS 2020](#)
Macau, China, December 11-14, 2020

1. Call for Papers

Both structured and unstructured data are exponentially produced in massive amounts, with increasing volume, velocity, variety, and value. Big data are harvested for building intelligent systems for supporting a broad array of applications from biomedicine, healthcare, education to smartcity and autopilot. Data quality can significantly impact the performance of the intelligent system that is built on it. This special track will explore methodologies, tools and frameworks that have been or need to be developed to evaluate data quality and enhance data for building high quality intelligent systems. The topics of interest within context of this special track include, but are not limited to:

- Data Quality Evaluation: Dimensions and Measurement
- Quality Evaluation of Knowledge Graph
- Quality Evaluation of Ontology System
- Exploratory Data Analysis
- Data Security and Privacy
- Data Augmentation
- Data Quality Management
- Fairness in Machine Learning (e.g. how to handle missing data)
- Ethics in Machine Learning (e.g. biased data leads to biased results)

2. Important Dates

- June 15, 2020 Submission deadline
- Jul 10, 2020 Author notification

3. Paper Submission

Authors are invited to submit original unpublished research papers as well as industrial practice papers. Simultaneous submissions to other conferences are not permitted. Detailed instructions for electronic paper submission, panel proposals, and review process can be found at <https://qrs20.techconf.org/submission>.

The length of a camera ready paper will be limited to eight pages, including the title of the paper, the name and affiliation of each author, a 150-word abstract, and up to 6 keywords. Shorter version papers (up to four pages) are also allowed.

Authors must follow the [IEEE Computer Society Press Proceedings Author Guidelines](#) to prepare their papers. At least one of the authors of each accepted paper is required to pay full registration fee and present the paper at the workshop. Arrangements are being made to publish

selected accepted papers in reputable journals. Submissions must be in PDF format and uploaded to the conference submission site:

<http://banana.utdallas.edu/qrs2020/start/www/DQIS/>

4. Organizing Committee

- Jeffrey Saltz, Syracuse University
- Venkat N. Gudivada, East Carolina University
- Junhua Ding, University of North Texas

5. Contact/Questions

Please email any questions to Professor Junhua Ding (junhua.ding[at]unt.edu).