

Minitrack: Rigor or Relevance? - Validation and Research Methodologies in Data and Information Quality

Track: Data and Information Quality

Minitrack Chairs

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Description:

Over the last two decades, research in data and information quality (DIQ) has advanced significantly. Many frameworks, measurement approaches and theoretical concepts have been developed and proposed. At the same time, industry and researchers have provided us with many case studies and best practice. DIQ has been included as topic in many conferences; however, in order to reflect the foremost achievements in DIQ research, the research community needs to revisit and discuss not only the relevance but also the rigor in DIQ research.

With this track, we aim to provide a platform for reflecting and validating current contributions in the domain and to discuss research approaches, research methods and research results of DIQ research. We particularly encourage submissions that focus on (re)validating current and prominent frameworks, approaches or concepts. With the focus of this Minitrack, the topic should aim to discuss research aspects of DIQ. Papers can include and discuss various research methods and research based on case studies, quantitative methods such as experimental and simulation but also empirical research to examine the existing models, methods, approaches and frameworks.

Topics of interest

- Topics of interest include but are not limited to the following list:
- Validations of DIQ research
- Revalidation of previous DIQ research and frameworks
- Scope of DIQ research
- DIQ research models
- DIQ research methodologies and approaches
- Result types of DIQ research
- Stakeholders of DIQ research
- Evaluation guidelines and criteria for DIQ research
- Approaches and success factors of Collaborative Research (Industry & Academia)
- Creativity and innovation in DIQ research
- Supervising and managing DIQ research
- Comparison with and relation to other research domains
- Evaluation and improvement of DIQ research (methods and results)