

## Research and Poster Papers

This year, 19 full research papers and 6 poster papers will be presented at the International Conference on Information Quality (ICIQ 2009).

### Research Papers

#### Master Data Management

- **Master Data Management: Products and Research**  
 Jochen Kokemüller, Fraunhofer IAO, Germany  
 Anette Weisbecker, Fraunhofer IAO, Germany
- **Information Management Along the Lifecycle of Data and Application Systems: Challenges and Solution Approaches**  
 Georg Fischer, SAP AG  
 Axel Herbst, SAP AG
- **Master Data Management Processes - A Petri-Net based solution that supports organizations with global and local MDM quality requirements**  
 Kai-Uwe Baryga, SYDECON GmbH, Germany

#### Modeling & Metadata

- **Flexible and Generic Data Quality Metadata Exchange**  
 David Becker, The MITRE Corporation, USA  
 John Jaster, Digital Prospectors Corporation, USA  
 Jereme Kuperman, Illumination Works, USA
- **Extending BPMN to Support the Modeling of Data Quality Issues**  
 Noelia Sánchez-Serrano, Alarcos Research Group, University of Castilla La Mancha, Spain  
 Ismael Caballero, Alarcos Research Group, University of Castilla La Mancha, Spain  
 Félix Garcían, Alarcos Research Group, University of Castilla La Mancha, Spain
- **Data Quality through Conceptual Model Quality - Reconciling Researchers and Practitioners through a Customizable Quality Model**  
 Kashif Mehmood, ESSEC Business School, CEDRIC-CNAM, Paris, France  
 Samira Si-Said Cherfi, CEDRIC-CNAM, Paris, France  
 Isabelle Comyn-Wattiau, ESSEC Business School, CEDRIC-CNAM, Paris, France

#### Techniques for Improving IQ

- **How to Screen a Data Stream - Quality-Driven Load Shedding in Sensor Data Streams**  
 Anja Klein, SAP Research Center, Dresden, Germany  
 Gregor Hackenbroich, SAP Research Center, Dresden, Germany  
 Wolfgang Lehner, University of Technology, Dresden, Germany
- **SOG: A Synthetic Occupancy Generator to Support Entity Resolution Instruction and Research**  
 John R. Talburt, University of Arkansas at Little Rock, USA  
 Yinle Zhou, University of Arkansas at Little Rock, USA  
 Savitha Yalanadu Shivaiah, University of Arkansas at Little Rock, USA
- **Computing Uncertain Key Indicators from Uncertain Data**  
 Carlos Rodríguez, University of Trento, Italy  
 Florian Daniel, University of Trento, Italy  
 Fabio Casati, University of Trento, Italy  
 Cinzia Cappiello, Politecnico di Milano, Italy

## IQ Metrics &amp; Assessment

- **Identification of Business Oriented Data Quality Metrics**  
Boris Otto, University of St. Gallen, Switzerland  
Kai M. Hüner, University of St. Gallen, Switzerland  
Hubert Österle, University of St. Gallen, Switzerland
- **A Framework for Economic-driven Assessment of Data Quality Decisions**  
Adir Even, Ben-Gurion University of the Negev, Israel  
Marcus Kaiser, University of Augsburg, Germany
- **A SOA-based Data Quality Assessment Framework in a Medical Science Center**  
Yao Zhou, Charité Berlin, Germany  
Sabine Hanß, Charité Berlin, Germany  
Malte Cornils, Charité Berlin, Germany  
Claudia Hahn, Charité Berlin, Germany  
Sonja Niepage, Charité Berlin, Germany  
Thomas Schrader, Fachhochschule Brandenburg, Germany

## Case Studies

- **Information Quality Issues in the Mortgage Banking Industry**  
Rolf T. Wigand, University of Arkansas at Little Rock, USA  
Jerry Wood, University of Arkansas at Little Rock, USA  
Yusuf Yiliyasi, University of Arkansas at Little Rock, USA
- **The Quality of Monitoring Data in Civil Engineering Works**  
Ana Lucas, Laboratório Nacional de Engenharia Civil, Portugal  
António Palma-dos-Reis, Instituto Superior de Economia e Gestão, Portugal  
Mário Caldeira, Instituto Superior de Economia e Gestão, Portugal
- **Data Quality Evaluation in an E-Business Environment: A Survey**  
Soumaya Ben Hassine-Guetari, Lyon University, France
- **Multidimensional Management and Analysis of Quality Measures for CRM Applications at EDF**  
Verónica Peralta, Université François Rabelais Tours, Université de Versailles, France  
Virginie Thion-Goasdoué, Université de Paris Dauphine, France  
Zoubida Kedad, Université de Versailles, France  
Laure Berti-Équille, Université de Rennes 1, France  
Isabelle Comyn-Wattiau, CNAM-CEDRIC, Paris, France  
Sylvaine Nugier, EDF R&D, France  
Samira Si-said-Cherfi, CNAM-CEDRIC, Paris, France

## IQ in Web 2.0

- **An Empirical Study on Criteria for Assessing Information Quality in Corporate Wikis**  
Therese Friberg, University of Paderborn, Germany  
Wolfgang Reinhardt, University of Paderborn, Germany
- **Towards Assessing Information Quality in Knowledge Management in the Enterprise 2.0**  
Sven Ahlheid, Siemens AG, Germany  
Therese Friberg, University of Paderborn, Germany  
Gernot Graefe, Siemens AG, Germany  
Alexander Krebs, Siemens AG, Germany  
Jan-Philipp Müller, Siemens AG, Germany  
Dirk Schuster, Siemens AG, Germany
- **Web-based Affiliation Matching**  
David Aumueller, University of Leipzig, Germany  
Erhard Rahm, University of Leipzig, Germany

*Poster Papers*

## Poster Papers

■ **Is DQ/IQ the Quality of Information? Two Views**

Zbigniew J Gackowski, California State University Stanislaus, USA

■ **A Meta-model for Data Quality Management Simulation**

Boris Otto, University of St. Gallen, Switzerland  
Kai M. Hüner, University of St. Gallen, Switzerland

■ **Schema Based Deduplication**

Pei Li, University of Milan, Bicocca, Italy  
Andrea Maurino, University of Milan, Bicocca, Italy

■ **A Multi-Dimensional Model for Assessing the Quality of Answers in Social Q&A Sites**

Zhemin Zhu, TU Darmstadt, Germany  
Delphine Bernhard, TU Darmstadt, Germany  
Iryna Gurevych, TU Darmstadt, Germany

■ **Multi-Source Object Identification With Constraints**

Matteo Di Gioia, DIS-Università di Roma "Sapienza", Italy  
Domenico Beneventano, DII-Università di Modena e Reggio Emilia, Italy  
Monica Scannapieco, Istituto Nazionale di Statistica, Italy

■ **EXPLAINIE - Explaining Information Extraction Systems**

Wojciech Barczynski, SAP Research CEC Dresden, Germany  
Falk Brauer, SAP Research CEC Dresden, Germany  
Adrian Mocan, SAP Research CEC Dresden, Germany