ICIQ-02 Program Schedule

FRIDAY, November 8

5:00 - 6:30	**REGISTRATION AND RECEPTION AT MIT FACULTY CLUB** Registration, Reception, and Informal Discussions	E52 (6th Floor)

SATURDAY, November 9

8:30 - 9:00 **REGISTRATION AND CONTINENTAL BREAKFAST** E51-345

9:00 - 9:20 √ **CHAIRS' WELCOME AND OPENING REMARKS** E51-345
Yang W. Lee, Academic Conference Chair
Northeastern University
James D. Funk, Practice Conference Chair
S.C. Johnson
Craig Fisher, Academic Program Chair
Marist College
Bruce N. Davidson, Practice Program Chair
Cedars-Sinai Health System

9:20 - 10:00 √ **KEYNOTE SPEECH** E51-345
Biography
Information Quality: My Personal Perspective
Rear Admiral Mark D. Harnitchek, *Commander, Naval Inventory Control Point*

10:00 - 10:15 Coffee Break

10:15 - 11:45 **1A PARALLEL SESSION** E51-372
Session Chair: James Funk, S.C. Johnson
Modeling Decision Quality of Sensor-to-Shooter Networks
Patrick Driscoll, *United States Military Academy*
Ed Pohl, *United States Military Academy*

Data Warehouse Institute Survey on Data Quality
Wayne Eckerson, *The Data Warehousing Institute (TDWI)*

10:15 - 11:45 **1B INFORMATION QUALITY IN ORGANIZATIONAL CONTEXTS** E51-376
Session Chair: Giri Kumar Tayi, SUNY at Albany

Storytelling as a Management Tool:
IQ when Profit Is Not the Bottom-Line
Stanley Dobbs, *United States NAVICP/NAVSUP*

Understanding Hidden Interdependencies between Information and Organizational Processes in Practice
Raïssa Katz-Haas, *Cambridge Research Group*
Yang Lee, *Northeastern University*

Measurement for IQ Improvement: Translating Results from the IQ Survey into Management Objectives
Bruce N. Davidson, *Cedars-Sinai Health System*
Alein T. Chun, *Cedars-Sinai Health System*

11:45 - 1:15	√ **LUNCH SPEECH**	E51-345

Introduction: Richard Wang, MIT & U.C. Berkeley
A Framework for Corporate Householding
Stuart Madnick**,** *MIT Sloan School of Management*
Wei Zhang**,** *Boston University*
Richard Wang**,** *MIT & U.C. Berkeley*

1:15 - 2:45	**2A** **DATA QUALITY IN BUSINESS FUNCTIONS**	E51-372

Session Chair: Martin Eppler, University of St. Gallen
Data Quality in the Context of Customer Segmentation
Dirk Arndt, *DaimlerChrysler, Germany*
Norman Langbein*, DaimlerChrysler, Germany*

Accounts Payable and Data Quality: Driving Sustained Improvement Through An Integrated Approach
Matt Clarke, *Deloitte & Touche*
Jessica Dunten, *Deloitte & Touche*

Impact of Information Quality in Supply Chain Management
Zahir Balaporia, *Schneider Logistics, Inc.*

1:15 - 2:45	**2B** **ALONG THE ROAD TO DATA QUALITY**	E51-376

Session Chair: Louiqa Raschid, *U. of Maryland, College Park*
Starting with Quality: Using TDQM in a Start-Up Organization
Rita Kovac, *Concept Shopping, Inc.*
Cindy Weickert, *Concept Shopping, Inc.*

Sustaining a Maturing Information Quality Program: The Aera Energy Experience
C. Lwanga Yonke, *Aera Energy LLC*

FedEx & Information Quality
Ivy Wan, *FedEx*
Frank Guess, Ph.D., *University of Tennessee*
Rodney Bates, *FedEx*

1:15 – 2:45	**2C** **POLITICS OF DATA QUALITY**	E51-345

Session Chair: Bruce N. Davidson, Cedars-Sinai Health System
Special Operations Forces Data Quality Issues
Donna M. Wood, *The Mitre Corporation*
Eric Hughes**,** *The Mitre Corporation*

The Data Quality Act: Developing IQ Standards in a Political Environment
Patrick Flanagan, *Bureau of Transportation Statistics*

Evolution of a Data Quality Strategy
Mark Ofori-Kyei, *ON Semiconductor*
Jimmie Lister, *ON Semiconductor*
Geoffrey Mobisson, *ON Semiconductor*

2:45 - 3:00	Coffee Break

| 3:00 – 4:30 | **3A** INFORMATION QUALITY EVALUATION AND ASSESSMENT | E51-372 |

Session Chair: Craig Fisher, Marist College

A Model of Data Currency in Multi-Channel Financial Architectures
Cinzia Cappiello, *Politecnico di Milano, Italy*
Chiara Francalanci, *Politecnico di Milano, Italy*
Barbara Pernici, *Politecnico di Milano, Italy*

Cost Benefit Analysis of Information Integrity
Vijay Mandke, *Center for Information Integrity Research, India*
Madhavan Nayar, *Unitech Systems, USA*

Information Technology Investment and Firm Performance: A Perspective of Data Quality
Yi Hua Sheng, *Southern Illinois University Carbondale*
Peter Mykytyn Jr., *Southern Illinois University Carbondale*

| 3:00 - 4:30 | **3B** DATA QUALITY ISSUES ON THE WEB | E51-376 |

Session Chair: Beverly Kahn, Suffolk University

Model-Based Quality Evaluation: A Comparison of Internet Classifieds Operated by Newspapers and Non-Newspaper Firms
Adenekan Dedeke, *Suffolk University*
Beverly Kahn, *Suffolk University*

Ensuring the Consistency of Self-Reported Data: A Case Study
Hassan Davulcu, *XSB, Inc.*
Jennifer Jones, *XSB, Inc.*
Robert Pokorny, *XSB, Inc.*
Chris Rued, *XSB, Inc.*
Terrance Swift, *XSB, Inc.*
Tatyana Vidrevich, *XSB, Inc.*
David S. Warren, *XSB, Inc.*

| 3:00 – 4:30 | **3C** DATA QUALITY MEASUREMENT | E51-345 |

Session Chair: Frank Dravis, Firstlogic, Inc.
The Data Detective
Frank Dravis, *Firstlogic, Inc.*

Building the Corporate IM Scorecard for Improving Quality in Information Management Services
Pushpak Sarkar, *Merck & Co.*

Practical Regular Expression Mining and its Information Quality Applications
Sergei Savchenko, *Decision Today, Inc., Canada*

Measuring Information Quality in the Web Context: A Survey of State-of-the-Art Instruments and an Application Methodology
Martin Eppler, *University of St. Gallen, Switzerland*
Peter Muenzenmayer, *Business Media, Switzerland*

| 4:30 – 6:00 | **Panel A** EDUCATION AND TRAINING | E51-372 |

Panel Moderator: Craig Fisher, Marist College
Panelists & Position Papers:
Panel Description
David Feinstein, *University of Southern Alabama*
Information Systems Curriculum Update

Woo Young Chung, *Case Western Reserve University*
What Can We Teach about Data Quality in Executive Education Programs?

Diane Strong, *Worcester Polytechnic Institute*
Recommendations for Information Quality Education
Craig Fisher, *Marist College*
A New Course: Data Quality in Information Systems

4:30 – 6:00 | **Panel B** THE ADVANCE OF PROCESS | E51-376

Panel Moderator: Yang Lee, Northeastern University

Panelists & Position Papers:

Thomas C. Redman, *Navesink Consulting Group*
Panel Description
A. Blanton Godfrey, *North Carolina State University*
Managing Information Quality – A Critical Process for Most Organizations
Larry English, *Information Impact International*
Process Management and Information Quality: How Improving Information
Production Processes Improves Information (Product) Quality
Mark Parise, *Information Resources, Inc*
Data Quality Management – Simply Managing The Process

SUNDAY, November 10

8:30 - 9:00 | **Registration and Continental Breakfast** | E51-345

9:00 - 10:30 | **4A** DATABASES AND DATA WAREHOUSE CLEANSING | E51-372

Session Chair: Stanley Dobbs, United States NAVICP/NAVSUP

Declarative Data Merging with Conflict Resolution
Felix Naumann, *IBM Almaden Research Center*
Matthias Häussler, *IBM Almaden Research Center*

**Assessing Information Quality for the Composite
Relational Operation Join**
Amir Parssian, *University of Illinois at Springfield*
Sumit Sarkar, *University of Texas at Dallas*
Varghese Jacob, *University of Texas at Dallas*

**A New Method for Database Data Quality Evaluation at the Canadian
Institute for Health Information (CIHI)**
Jennifer Long, *Canadian Institute for Health Information*
Craig Seko, *Health Statistics Division, Statistics, Canada*

9:00 - 10:30 | **4B** DATA WAREHOUSING AND MINING APPLICATIONS | E51-376

Session Chair: InduShobha Chengalur-Smith, SUNY Albany

Data Quality in Action: Challenge in an Insurance Company
Miguel Feldens, *GoDigital Precision Marketing*
Dalvani Lima, *GoDigital Precision Marketing*
Luis Francisco Lima, *GoDigital Precision Marketing*

**Healthcare Informatics: Data Quality, Warehousing and Mining
Applications**
Frank Piontek, *Trinity Health Information Systems*
Hank Groot, *GoDigital Precision Marketing*

**The "Services to Enterprise Project" – An Experience of Data Quality
Improvement in Italian Public Administration**
Monica Scannapieco, *University of Rome "La Sapienza", IASI-CNR, Italy*
Carlo Batini, *University of Milan, "Bicocca" Authority for IT in Public
Administration, Italy*
Pietro Aimetti, *Gruppo Clas, Italy*
Claudio Gagliardi, *Unioncamere, Italy*

10:30 - 10:45	Coffee Break	

10:45-12:15	**5A** THE APPLICATION AND EXTENSION OF INFORMATION PRODUCT MAPS	E51-372

Session Chair: Markus Helfert, Dublin City University

Extending IP-MAPS: Incorporating the Event-Driven Process Chain Methodology
Elizabeth Pierce, *Indiana University of Pennsylvania*

IP-UML: Towards a Methodology for Quality Improvement Based on the IP-MAP Framework
Monica Scannapieco, *University of Rome, Italy*
Barbara Pernici, *Politecnico di Milano, Italy*
Elizabeth Pierce, *Indiana University of Pennsylvania*

Evolutional Data Quality: A Theory-Specific View
Liping Liu, *University of Akron*
Lauren Chi, *University of Akron*

10:45 - 12:15	**5B** BUILDING SYSTEMS FOR QUALITY	E51-376

Session Chair: Jennifer Long, Canadian Institute for Health Information
Formulation of a Decision Support Model Using Quality Attributes
Michael Gendron, *Central Connecticut State University*
Marianne D'Onofrio, *Central Connecticut State University*

Empirically Testing Some Main User Related Factors for Systems Development Quality
Tor Guimaraes, *Tennessee Technological University*
D. Sandy Staples, *Queen's University, Canada*
James McKeen, *Queen's University, Canada*

What Skills Matter in Data Quality?
Woo Young Chung, *Case Western Reserve University*
Craig Fisher, *Marist College*
Richard Wang, *MIT & U.C. Berkeley*

12:15	√ END OF ICIQ-02 CONFERENCE	