IQ-2001 Conference Program Schedule

FRIDAY, November 2

5:00 - 6:30	**Registration and Reception at MIT Faculty Club** Informal Discussions	**E52** (6th Floor)

SATURDAY, November 3

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

9:00 - 9:20   **Chairs' Welcome and Opening Remarks**   **E51-345**
Yang W. Lee, Conference Co-Chair,
Northeastern University
James D. Funk, Conference Co-Chair, S.C. Johnson
Elizabeth M. Pierce, Program Co-Chair,
Indiana Univ. of Pennsylvania
Raïssa Katz-Haas, Program Co-Chair,
Ingenix/UnitedHealth Group

9:20 - 10:00   **√ Keynote Speech**   **E51-345**
Dane Iverson, Senior Vice President
Ingenix/UnitedHealth Group

10:00 - 10:15   Coffee Break

10:15 - 11:45   **1A Parallel Paper Session**   **E51-372**
IQ and Organizational Dynamics
Session Chair: Bruce Davidson
(IQ-2002 Program co-chair)

Storytelling as a Management Tool (Practice-Oriented
Paper) Bruce Davidson, Cedars-Sinai Health System

Generations of Information Quality (Practice-Oriented
Paper) Frank Dravis, Firstlogic, Inc.

**Organizational Realism Meets Information Quality
Idealism: The Challenges of Keeping an Information
Quality Initiative Going** (Practice-Oriented Paper)
Beverly K. Kahn, Suffolk University
Raïssa Katz-Haas, Ingenix/UnitedHealth Group
Diane M. Strong, Worcester Polytechnic Institute

10:15 - 11:45   **1B Parallel Paper Session**   **E51-376**
Improving Data Warehouse Source Data
Session Chair: Craig Fisher, Marist College
(IQ-2002 Program co-chair)

**A Proposed Framework for the Analysis of Source Data in a
Data Warehouse** (Research Paper)
M. Pamela Neely, Marist College

External Data Selection for Data Mining in Direct Marketing (Practice-Oriented Paper)
Dirk Arndt, Daimler Chrysler, Germany
Wendy Gersten, Daimler Chrysler, Germany

A Strategy for Managing Data Quality in Data Warehouse Systems (Research Paper)
Markus Helfert, University of St. Gallen, Switzerland
Eitel von Maur, University of St. Gallen, Switzerland

11:45 - 1:15	√ **Lunch speeches: TDQM Research Initiatives**	E51-345

Introduction: Rich Wang, Boston University & MIT
TDQM Program

Re-manufacture and Information Products
Tom Allen, Howard Johnson Professor,
MIT Sloan School of Management

Data Quality Challenges in Enabling eBusiness Transformation
Arie Segev, Professor and CITM Director, U.C. Berkeley

Corporate Household Data
Stuart Madnick: John Norris Maguire Professor,
MIT Sloan School of Management

1:15 - 2:45	**2A** **Parallel Paper Session:IQ and the Internet**	E51-372

Session Chair: Giri Kumar Tayi, SUNY Albany

Accessing the Quality of Online Classified Websites: An Empirical Study of the 100 Largest Newspapers (Research Paper)
Adenekan Dedeke, Suffolk University
Beverly Kahn, Suffolk University

Managing Information Quality in Virtual Communities of Practice(Practice-Oriented Paper)
Andreas Neus, IBM Unternehmensberatung GmbH,
Germany

The Issue of IQ in Internet-Based Early-Warning Systems for Trend Management (Practice-Oriented Paper) Daniel Diemers, SFS-HSG, Switzerland

1:15 - 2:45	**2B** **Parallel Paper Session: Assessing the Value of Information** *Session Chair: Frank Dravis, Firstlogic Inc.*	E51-376

An In-Depth Investigation into the Impact of Information Quality Upon the Perceived Value of Information (Research Paper)
Graham Doig, Loughborough University, U.K.
Neil Doherty, Loughborough University, U.K.
Chris Marples, Loughborough University, U.K.

Data Quality in the Small: Consumer Information (Research Paper)
Arnon S. Rosenthal, The MITRE Corporation
Donna M. Wood, The MITRE Corporation
Eric R. Hughes, The MITRE Corporation
Mary C. Prochnow, The MITRE Corporation

Quality Mining: A Data Mining Based Method for Data Quality Evaluation (Research Paper)
Sabrina Vazquez Soler, University of Buenos Aires, Argentina
Daniel Yankelevich, University of Buenos Aires, Argentina

1:15 - 2:45	**2C Parallel Paper Session: Reconciling Data**	E51-335

Session Chair: Felix Naumann, IBM Almaden Research Center

An Approximate Matching Technology for Database Searching, Linking, and De-Duplicating (Practice Oriented Paper)
Arthur Goldberg, Choice Maker
Andrew Borthwick, Choice Maker

Cleaning Up Very Large Databases and Keeping Them Clean (Practice Oriented Paper)
Priscilla Broberg, Consultant, Agilent Technologies

Reconciling the Data Warehouse (Practice Oriented Paper) Jonathan Wu, BASE Consulting Group

2:45 - 3:00	Coffee Break

3:00 - 4:30	**3A Parallel Paper Session: Implementing DQ Processes**	E51-372

Session Chair:Burton Cutting, Caxton Associates

Monitoring and Data Quality Control of Financial Databases from a Process Control Perspective (Practice-Oriented Paper)
Janusz Milek, Predict AG, Switzerland
Martin Reigrotzki, Predict AG, Switzerland
Holger Bosch, Predict AG, Switzerland
Frank Block, Predict, AG, Switzerland

The Implementation of Information Quality for the Automated Information Systems in the TDQM Process: A Case Study in Textile and Garment Company in Thailand (Research Paper)
Athakorn Kengpol, King Mongkut's Institute of Technology, Thailand

A Methodological Approach to Data Quality Management Supported by Data Mining (Research Paper)
Udo Grimmer, DaimlerChrysler, Germany
Holger Hinrichs, Oldenburg Research and Development Institute for Computer Science Tools and Systems, Germany

3:00 - 4:30	**3B Parallel Paper Session: Improving Quality of Searches & Queries** *Session Chair: Beverly Kahn, Suffolk University*	E51-376

A Data Quality Browser (Research Paper)
Theodore Johnson, AT&T Labs
Tamraparni Dasu, AT& T Labs

From Databases to Information Systems - Information Quality Makes the Difference (Research Paper)
Felix Naumann, IBM

3:00 - 4:30	**3C Parallel Paper Session: IQ and the Decision Making Process** *Session Chair: Diane Strong, WPI*	E51-335

Conceptual Ideas Underlying the Information Engineering Approach for Decision Making in Textiles (Research Paper)
Yatin Karpe, North Carolina State University
George Hodge, North Caroline State University
Neil Cahill, Institute of Textile Technology
William Oxenham, North Carolina State University

An Assessment of the Theory Underpinning the Role of Information Quality in the Single-Loop Decision Making Model (Research Paper)
Raul M. Abril, Brunel University, U.K.

Information Envelope and its Information Integrity Implications (Research Paper)
Vijay Mandke, Unitech Systems, India
Madhavan K. Nayar, Unitech Systems, India
Kamna Malik, Institute of Management Technology, India

| 4:30 - 6:00 | ☑ **Plenary Panel: Progress in Information Quality: Why So Slow?** | 51-345 |

Moderator: James D. Funk, SCJ

Panelists:
Thomas C. Redman, Navesink Consulting
Larry English, Impact International
Tony Tortorice, Predictive Modeling LLC
Ken Orr, The Ken Orr Institute
Stuart E. Madnick, MIT Sloan School of Management

SUNDAY, November 4

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

| 9:00 - 10:30 | **4A** **Parallel Paper Session: Defining Information Quality** | **E51-372** |

Session Chair:Leo Pipino, UMASS, Lowell (IQ 2002 Publicity Chair)

A Conceptual Framework and Belief Function Approach to Assessing Overall Information Quality (Research Paper)
Matthew Bovee, The University of Kansas
Rajendra P. Srivastava, The University of Kansas
Brenda Mak, The University of Kansas

A Generic Framework for Information Quality in Knowledge Intensive Industries (Research Paper)
Martin Eppler, University of St. Gallen, Switzerland

A College Course: Data Quality in Information Systems (Research Paper) Craig Fisher, Marist College

| 9:00 - 10:30 | **4B** **Parallel Paper Session: Improving IQ in the Healthcare Industry** | **E51-376** |

Session Chair: Yang Lee, Northeastern University

Overview of Deloitte & Touche's Approach to Information Quality (Practice Oriented Paper)
John Gimpert, Deloitte & Touche
Tim Krick, Deloitte & Touche

Data Quality and Medical Record Abstraction in the Veterans Health Administration's External Peer Review (Practice Oriented Paper)
James H. Forsythe, West Virginia Medical Institute
Jonathan Perlin, VHA Office of Quality and Performance
John Brehm, West Virginia Medical Institute

The Canadian Institute for Health Information Data Quality Framework, Version 1: A Meta-Evaluation and Future Directions (Practice Oriented Paper)
J. A. Long, Canadian Institute for Health Information
J. A. Richards, Canadian Institute for Health Information
C. E. Seko, Statistics Canada

10:30 - 10:45	Coffee Break	

10:45-12:15 **5A** **Parallel Paper Session: Assessing Information Quality**   **E51-372**
Session Chair: Mostapha Ziad, Suffolk University

Tracking the Physical and Information Product Flows in Mobile Patient Service Supply Chain: A Real Vision Lab Approach (Research Paper)
P. Balasubramanian, Boston University
G. Shankaranarayan, Boston University
R. Wang, Boston University

Non-Intrusive Assessment of Organizational Data Quality (Research Paper)
Binling Jin, University of Manchester, U.K.
Suzanne M. Embury, University of Manchester, U.K.

Using Control Matrices to Evaluate Information Production Maps (Research Paper)
Elizabeth Pierce, Indiana University of Pennsylvania

10:45 - 12:15 **5B** **Parallel Paper Session: Issues in Information Quality**   **E51-376**
Session Chair: Jim Hurysz, Data Quality

Data Quality Issues in Service Provisioning & Billing (Research Paper)
Tamraparni Dasu, AT&T Labs
Theodore Johnson, AT&T Labs

Introducing Data Quality in a Cooperative Context (Research Paper)
Paola Bertolazzi, IASI-CNR, Italy
Monica Scannapieco, University of Rome, Italy

Information Quality and Large Scale Project Budget Tracking (Practice Oriented Paper)
Viktor Dvurechenskikh, Comptroller of Moscow, Russia
Vladimir Baranov, Comptroller of Moscow, Russia
George Huntington, Consultant

12:15   **√** **End of IQ-2001 Conference**

Sunday, Nov. 4