

# The 1996 Conference on Information Quality

## Conference Program

*October 25, Friday*

12:00 - 1:00 **Registration**

1:00 - 1:20 **Chair's Welcome and Opening Remarks**  
Richard Wang, Co-Director for MIT's TDQM Program

1:20 - 2:00 **Keynote Speech**  
Rakesh Kaul, President & CEO, Hanover Direct, Inc.

2:00 - 2:15 **Coffee Break**

2:15 - 3:45 **State of the Art Research in Information Quality**  
**Session Chair: Arie Segev, University of California, Berkeley**  
**Data Quality Research at SUNY-Albany**  
Donald Ballou, Harold Pazer, and Giri Kumar Tayi  
State University of New York, Albany  
**TDQM Research at MIT**  
Yang Lee and Richard Wang, MIT  
Leo Pipino, University of Massachusetts, Lowell  
Diane Strong, Worcester Polytechnic Institute

3:45 - 4:00 **Coffee Break**

4:00 - 5:30 **State of the Art Practice in Information Quality**  
**Session Chair: Stuart Madnick, MIT**  
**Data Quality and Systems Theory**  
Ken Orr, Ken Orr Institute  
**Knowledge Cockpit - Visualizing Knowledge Quality and Management**  
K.T. Huang, Director, Worldwide Knowledge  
Management and Asset Reuse, IBM Consulting Group  
**How Will You Transform Legacy Data into an Information Asset?**  
Stephen Brown, Vality Technology

6:00 - 7:00 **Reception at MIT Faculty Club**

7:00 - 9:00 **Dinner at MIT Faculty Club**

**October 26, Saturday**

**8:15 - 10:00 Research Paper Session I**

**Session Chair: Richard Mathieu, University of North Carolina, Wilmington**  
**On Information Quality and the WWW Impact: A Position Paper**

Arie Segev, University of California, Berkeley

**Conditions for the Detection of Data Errors in Organizational Settings: Preliminary Results from a Field Study**

Barbara Klein, University of Michigan-Dearborn

Dale Goodhue and Gordon Davis, University of Minnesota

**Can You Defend Your Information in Court?**

Richard Wang and Yang Lee, MIT

Diane Strong, Worcester Polytechnic Institute

**Practice Paper Session I**

**Session Chair: Tom Redman, Navesink Consulting Group**

**Data Quality in Practice: Experience from the Front Line**

Chris Firth, Citibank, Singapore

**Competing with Quality Information**

Alan Matsumura and Nadia Shouraboura

Diamond Technology Partners

**The Health Care Industry and Data Quality**

Melissa Tzourakis, Medicode, Inc.

**10:00 - 10:15 Coffee Break**

**10:15 - 12:00 Research Paper Session II**

**Session Chair: Leo Pipino, University of Massachusetts, Lowell**

**Estimating the Quality of Data in Relational Databases**

Amihai Motro and Igor Rakov, George Mason University

**Knowledge Quality Assurance in Medical Data Mining**

Vassilis Moustakis and Loukas Tsironis

Technical University of Crete, Greece

**Systems Approaches to Improving Data Quality**

Levant Orman, Cornell University

Veda Storey, Georgia State University

Richard Wang, MIT

**Practice Paper Session II**

**Session Chair: Larry Cobler, Vector Research Inc.**

**Data Quality Assurance Activities in the Military  
Health Services System**

David Corey, US Army

Larry Cobler, Thomas Lonsdale & Karen Haynes  
Vector Research Inc.

**DoD Guidelines on Data Quality Management**

Phil Cykana, Alta Paul & Miranda Stern

Defense Information Systems Agency

**Beyond Security: A Data Quality Perspective on Defensive  
Information Warfare**

Peter Kaomea, Susan Hearold & Ward Page, NCCOSC, US Navy

12:00 - 2:00 **Luncheon at MIT Faculty Club**

**Luncheon Speech: Key Challenges in Information Quality**

Stuart Madnick, MIT

2:00 - 3:45 **Research Paper Session III**

**Session Chair: Beverly Kahn, Suffolk University**

**Managerial Issues in Data Quality**

Donald Ballou and Giri Kumar Tayi

State University of New York, Albany

**A TQM Approach to the Improvement of Information Quality**

Ron Dvir, ECI Telecomm, Israel

Stephen Evans, Cranfield University, England

**A Data Quality Engineering Process**

Donna Meyen, The MITRE Corporation

Mary Jane Willshire, Colorado Technical University

**Practice Paper Session III**

**Session Chair: David Eddy, Niche Software Products**

**Data and Information Quality: Will the *New York Times*  
ever "Get It"?**

James Hurysz, Data Quality Journal

**Name and Address Data Quality**

Sophie Allen, MasterSoft Research Pty Ltd, Australia

**TDQM Versus the Edifice Complex in Data Warehousing**

Max Hansen, Max Hansen and Associates

3:45 - 5:00 **End of IQ 1996 Conference**

Informal Discussions