

MIT 2011 (5th) Information Quality Industry Symposium

Location

Massachusetts Institute of Technology
Tang Building (E51) in the MIT East Campus
70 Memorial Drive, Cambridge, MA, USA
Dress Code: Business casual

Date: July 13 – July 15, 2011

<http://mitiq.MIT.edu/IQIS/2011>

Contact: Dr. Richard Wang, 617-304-3120, rwang@mit.edu
MIT IQ Program Director

WEDNESDAY, July 13, 2011

8:15-9:00 AM	CONTINENTAL BREAKFAST & REGISTRATION	Room
9:00-10:30 AM	Session T1A Financial Service Industry Enterprise Data Management Michael Atkin, EDM Council Executive Director	E51-325
Tutorial Sessions	Session T1B: Improving Data Portability and Long Term Data Retention through ISO Standards 8000 and 22745 Dr. Gerald Radack, PiLog USA Inc.	E51-345
	Session T1C Building a Practical Data Quality Management Solution for an Academic Medical Center Bruce Davidson, Alein Chun, Ann Chu, and Thai Lam Data Quality Management Team Resource & Outcomes Management Department Cedars-Sinai Medical Center	E51-372
	Session T1D: “One-To-Many ...or Much Too Much?” A tutorial about efficient, effective requirements analysis that promotes information quality by recycling some best practices, reconditioning some others, and debunking and discarding the rest Joe Maguire, O’Kelly Associates	E51-376
10:30-10:45 AM	COFFEE BREAK	
10:45-12:15 PM	Session T2A The Butterfly Effect of Data Quality Following the Impact of IQ on Revenue, Efficiency and Compliance Steve Sarsfield, Talend Case Study: Catching Fraud in Alameda County, CA Earl Stevens, Alpine Consulting	E51-325
Tutorial Sessions	Session T2B Data Archiving Data Quality and Database Archiving: The Intersection of Two Important Data Management Functions Jack Olson, SvalTech	E51-345

MIT2011IQIS Agenda as of July 8, 2011

	<p>Session T2C Enterprise Data Architecture Application of the Federal Data Quality Framework and the Federal Enterprise Architecture Reference Models Suzanne Acar, Federal Data Architecture Subcommittee Mark Amspoker, ATSC</p>	E51-372
12:15-2:15 PM Plenary Session	<p>LUNCH, OPENING, & CDO FORUM</p> <p>Chairs' Welcome and Opening Remarks Symposium Chair Richard Wang, Linda Kresl, Willa Pickering</p> <p>Program Co-Chairs Suzanne Acar, Peter Anlyan , Joseph M. Bugajski</p> <p>ACM- Journal of Data and Information Quality Update Stuart Madnick & Yang Lee</p> <p>UALR MSIQ/PhD Update John Talburt & Rolf Wigand</p> <p>IQ Societies Update QIBRAS (Brazil), ExQI (France), DGIQ (Germany), ArgIQ (Argentina), AECDI (Spain), CNIQ (China), IAIDQ</p> <p>MIT 2012 IQIS Announcement Joe Maguire (Business & Finance), Michael Nix (Healthcare), Annette Pence (Government)</p> <p>Rosetta Stone for Information Quality (RS4IQ) Version 0.1 James Funk, Yang Lee, Xitong Li, Richard Wang</p> <p>MIT2011IQIS Awards Ceremony</p> <p>An MIT CTPID Vision, Strategy and Perspective for MITIQIS "Information Quality and Enterprise Systems" Deborah Nightingale, Director, Center for Technology, Policy, and Industrial Development (CTPID), MIT</p> <p>Chief Data Officer (CDO) Forum Moderator: Joe Bugajski Panelists: Ron Bechtold, Office of the Secretary of Defense, US Government John Bottega, Federal Reserve Bank of New York Joe Bugajski, Gartner Group Mark Goloboy, Monster.com Frank Ponzio, Symbolic Systems, Inc.</p>	E51-345
2:15-2:30 PM	COFFEE BREAK	

MIT2011IQIS Agenda as of July 8, 2011

<p>2:30-4:00 PM Parallel Sessions</p>	<p>Session 1A Making Data Valuable to the Enterprise Session Chair: Joe Bugajski</p> <ol style="list-style-type: none"> 1. "Data Quality Makes The Big Time: How We Got Here, and Why We'll Never Be Done" Ted Friedman VP Distinguished Analyst Gartner, Inc. 2. "Beyond Stakeholder Buy-In: Getting Programmers and Other IT Professionals To Embrace IQ Initiatives" Joe Maguire Principal Analyst and Consultant O'Kelly Associates. 	<p>E51-325</p>
	<p>Session 1B Panel: Usability in Health Information Technology Session Chair: Bruce Davidson</p> <p>Data Quality as a Dimension of Usability for Health IT: Update from a Working Group</p> <p>Wil Yu, Office of the National Coordinator for Health IT Bettijoyce Lide, National Institute of Standards and Technology Lana Lowry, National Institute of Standards and Technology Matt Quinn, Agency for Healthcare Research and Quality Emily Patterson, The Ohio State University Ellen Voorhees, National Institute of Standards and Technology</p>	<p>E51-345</p>
	<p>Session 1C Civilian Government Agency Perspectives Session Chair: Suzanne Acar</p> <ol style="list-style-type: none"> 1. An Approach to Data Governance for Data Quality Improvement Laura Duvall Senior IT Specialist, DHS 2. IRS Case Study Daniel Chaddock, Director, Solution Engineering, IRS 	<p>E51-372</p>
<p>4:00-4:30 PM</p>	<p>COFFEE BREAK</p>	
<p>4:30-6:00 PM Parallel Sessions</p>	<p>Session 2A Case Studies: IQ at Work Session Chair: Joe Bugajski</p> <ol style="list-style-type: none"> 1. "Case Study: How Data Quality has evolved at MathWorks" Kirk Amidon Marketing Data Analyst, MathWorks 2. "Integrating IPMAP with Information Life Cycle Management for the Upstream Oil & Gas Industry" Melanie Bell, Robert Elliott, Ed Moore, Yang Lee, Allen Moulton Chevron and MIT 	<p>E51-325</p>

MIT2011IQIS Agenda as of July 8, 2011

	<p>Session 2B Panel: DQ in Electronic Health Records Implementation Session Chair: Bruce Davidson</p> <p>Electronic Health Records (EHR): Benefits and Challenges for Data Quality</p> <p>Michael Nix, Fletcher Allen Health Care, VT Alein Chun, Cedars-Sinai Medical Center, CA Elisa Horbatuk, Stony Brook University Medical Center, NY David Harriman, University of Chicago Medical Center, IL</p> <p>Physician Discussants: Dr. William Greene (Stony Brook Univ.), Dr. Sameer Badlani (Univ. of Chicago), Dr. Paul Rosenau (Fletcher Allen)</p>	E51-345
	<p>Session 2C U.S. Air Force Information Quality Initiatives Session Chair: Willa Pickering</p> <p>1. The GIG is up! The Global Information Grid Changes Everything! Harry Pape, Transformation Advisor Windmill International Inc. supporting SAF/AQX</p> <p>2. A Man With A Watch: The Convergence of Authoritative Data Sources & Data Quality Thomas Redman Navesink Consulting Group Wright Nodine Jr., Transformation Advisor, Windmill International Inc. supporting HQ USAF/A1X1</p> <p>3. Trusted Data Markets – The Role of Data Quality David Becker, Principal Information Systems Engineer MITRE</p>	E51-372
6:00-7:30 PM	SYMPOSIUM RECEPTION (ONLY) AT MIT FACULTY CLUB	

MIT2011IQIS Agenda as of July 8, 2011

THURSDAY, July 14, 2011		
8:15-9:00 AM	CONTINENTAL BREAKFAST	
9:00-10:30 AM	<p>Session 3A Advances in Information Quality Session Chair: Yang Lee</p> <p>1. Developing Standards for Financial Reporting Data Yang Lee, Associate Professor Northeastern University Harry Zhu, Assistant Professor Old Dominion University</p> <p>2. Update: IQ in China Wei (Wayne) Huang Ohio University (Visiting Professor, Xi'an Jiaotong University)</p> <p>3. Update: Chief Data Officer in the Office of the Secretary of Defense Ron Bechtold, OSD CIO</p>	E51-325
	<p>Session 3B DQ in Optimization of Electronic Health Records Session Chair: Bruce Davidson</p> <p>1. Human Factors Guidance to Prevent Healthcare Disparities with the Adoption of Electronic Health Records Panel M. Chris Gibbons, MD, Johns Hopkins Urban Health Institute Lana Lowry, National Institute of Standards and Technology Matt Quinn, Agency for Healthcare Research and Quality Bettijoyce Lide, National Institute of Standards and Technology</p> <p>2. Re-Design of EHR Screens and Data Elements to Optimize Use by Providers Paul Rosenau, MD Vermont Children's Hospital Director for Quality Vermont Children's Hospital at Fletcher Allen Health Care Michael Nix Clinical/Operations Measurement Group Manager James M. Jeffords Institute for Quality & Operational Effectiveness Fletcher Allen Health Care Hannah Avarraschild Measurement Support Associate Clinical/Operations Measurement Group Manager James M. Jeffords Institute for Quality & Operational Effectiveness</p>	E51-345
	<p>Session 3C National Defense Perspectives Panel Panel Chair: Willa Pickering</p> <p>Panelists: John Hohwald, Senior Principal Research Engineer, Lockheed Martin Susmit Patel, MITRE Corporation Frank Ponzio, President/CEO, Symbolic Systems, Inc.</p>	E51-372
10:30-11:00 AM	COFFEE BREAK	

MIT2011IQIS Agenda as of July 8, 2011

<p>11 AM-12:30 PM Parallel Sessions</p>	<p>Session 4A Measuring and Reporting Data Quality Session Chair: Joe Bugajski</p> <ol style="list-style-type: none"> The Value of Data Quality Solutions Deepa Srinivasan IT Applications Manager National Instruments Christine McClary Internal Consultant, Business Intelligence Group National Instruments “Visualizing Financial Information Quality Using Heat Maps and Semantic Data Quality Rating System” Ashu Bhatnagar, CEO Good Morning Research 	<p>E51-325</p>
	<p>Session 4B HIT Trends and Your Organization Session Chairs: Peter Anlyan</p> <ol style="list-style-type: none"> HITECH investments in HIT and what we’re seeing in the field as a result Laura Adams, CEO Rhode Island Quality Institute (RIQI) IT and Comparative Effectiveness Research Don Goldmann, MD, Senior VP Institute for Healthcare Improvement (IHI) 	<p>E51-345</p>
	<p>Session 4C Practical Approaches Session Chair: Bob Kenley Program Manager, MIT Lean Advancement Initiative</p> <ol style="list-style-type: none"> Transforming Colorado Government for Today and the Future Micheline Casey, Former Chief Data Officer Governor’s Office of Information Technology The "Tagged Data Authority Engine" — Assurance and Data Integrity for Government Agencies and Fusion Centers Shawn P. McCarthy, Director of Research IDC Government Insights 	<p>E51-372</p>
<p>12:30-2:15PM</p>	<p>LUNCH, SURVEYS & KEYNOTE SPEECH</p> <p>Survey</p> <ol style="list-style-type: none"> Information Sharing: Information Quality in Supply Chain Relationships Yang Lee, MIT & Northeastern University Gilbert Nyaga, Northeastern University A Poll on the Vendor’s Perspective for MIT2012IQIS Steve Sarsfield, Talend & Richard Wang, MIT IQ Program <p>Keynote Speech Data, Quality, & Becoming a C.R.A.P. Detector Steve Meurer, Senior Vice President Comparative Data & Informatics University HealthSystem Consortium</p>	<p>E51-345</p>
<p>2:15-2:30 PM</p>	<p>COFFEE BREAK</p>	

MIT2011IQIS Agenda as of July 8, 2011

<p>2:30-4:00 PM Parallel Sessions</p>	<p>Session 5A Future Data: Drag the Enterprise into the 21st Century Session Chair: Joe Bugajski</p> <ol style="list-style-type: none"> 1. "Tweeting & Blogging to World-Class Data Governance - a tale or reality?" Kimmo Kontra Chairman Datpro 2. "Data Clouds: One Small Step for IT, One Giant Leap for Modern Enterprises" Lyn Robison Research VP and Director of Data Management Research Gartner, Inc. 	<p>E51-325</p>
	<p>Session 5B Data Aggregator's Dilemma: Partnerships for Managing Data Quality in a Shared Database</p> <p>Session Chair: Bruce Davidson Panelists: Allen Juris University HealthSystem Consortium Martha Radford, MD, FACC, FAHA NYU, Chief Quality Officer Eric Hixson, PhD, MBA Cleveland Clinics, Director, Data Resources Management Allison Sabel, MD, PhD, MPH Denver Health, Director of Biostatistics & Clinical Data Warehouse</p>	<p>E51-345</p>
	<p>Session 5C NATO Perspectives Session Chair: Willa Pickering</p> <ol style="list-style-type: none"> 1. The NATO Codification System: Improving Data Quality Using ISO Standards 22745 and 8000 Ian Smith, NCS Transformation Steering Group 2. The NATO Codification System: Implementing the Standard and Continuous Improvement of Cost Effectiveness and Data Quality Henriette Schromm, Senior Project Manager, ESG 3. Faster, Better and Lower Cost Access to Authoritative Supplier and Manufacturers Data Peter Benson, CTO, ECCMA 4. Cataloging at Source in Practice Salomon de Jager, Executive Director, PiLog 	<p>E51-372</p>
<p>4:00-4:30 PM</p>	<p>COFFEE BREAK</p>	
<p>4:30-6:00 PM Parallel Sessions</p>	<p>Session 6A Models and Metadata: Session Chair: Joe Bugajski</p> <ol style="list-style-type: none"> 1. "Repository Redux: Lessons Learned from 40 Years of Metadata Repositories" David Eddy, General Manager David Eddy & Associates 2. "Semantic Metadata for Data Quality: Impact on Data Integration" David S. Frankel, Lead Standards Architect – Model Driven Systems SAP Labs 	<p>E51-325</p>

MIT2011IQIS Agenda as of July 8, 2011

	<p>Session 6B The Business Value of Data Quality Session Chair: Anne Marie Smith, LiquidHub, Inc.</p> <ol style="list-style-type: none"> 1. Making It Real – The Business Value of Data Quality at Sallie Mae Michele Koch, Director, Enterprise Data Management Sallie Mae 2. How to Assess the Business Value of Data Quality Danette McGilvray, President and Principal Granite Falls Consulting, Inc. 	E51-345
	<p>Session 6C IQ Perspectives Session Chair: John Talburt</p> <ol style="list-style-type: none"> 1. Bringing in the Emerging <i>Realized</i> Information Age 3.0 Larry English, President Information Impact International, Inc. 2. Update: IQ Certification Program – UALR/IAIDQ John Talburt, UALR 	E51-372
6:00-7:30 PM	SYMPOSIUM RECEPTION ONLY AT MIT FACULTY CLUB	

FRIDAY, July 15, 2011

8:15-9:00 AM	CONTINENTAL BREAKFAST	
9:00-10:30 AM Parallel Sessions	<p>Session 7A The Data Economy Session Chair: Joe Bugajski</p> <ol style="list-style-type: none"> 1. “Infonomics: The Economics of Information and Principles of Information Asset Management” Doug Laney Eminence Lead, Deloitte Analytics Institute Deloitte Consulting LLP 2. “The Decision Model: An Introduction and a Case Study at Freddie Mac” Barbara von Halle and Larry Goldberg Managing Partners Knowledge Partners International, LLC (KPI) Tom Schweikert Business Rules Manager, Information & Decision Management Freddie Mac 	E51-325
	<p>Session 7B Key Information Quality Issues in Healthcare IT Session Chair: Peter Anlyan</p> <ol style="list-style-type: none"> 1. Meaningful Use in Five Years Michele Madison Morris, Manning and Martin, LLP David Steele, CIO St. Francis Hospital 2. Data Quality and Interoperability of Identity Data in the Veterans Health Administration Sara Temnitz & Alice Cave Veterans Health Administration 	E51-345

MIT2011IQIS Agenda as of July 8, 2011

	<p>Session 7C Perspectives from Military and Intelligence Activities Session Chair: TBD</p> <ol style="list-style-type: none"> 1. Lessons Learned in Implementing Metadata and XML Standards to Improve Quality and Discoverability of Intelligence Doug Whall, Alanthus Associates 2. A Data Quality Strategy for Large Organizations – How the German Armed Forces manage master data quality in the logistics domain LTC Joachim Sobota and CPT Christian Fürber, Joint Support Command, German Armed Forces 	E51-372
10:30-10:45 AM	COFFEE BREAK	
10:45 - 12:00 PM Plenary Session	<p>CLOSING PLENARY SESSION Open Discussion & Closing Remarks Moderator: Stuart Madnick, MIT Sloan School of Management</p>	E51-345
	END OF THE SYMPOSIUM	

Pre-Symposium Event I: The Organizing Committee of MITIQIS is offering a workshop on Tuesday, July 12, 2011 (0900-1600), E51-372 at MIT. The registration is free for Symposium attendees. Facilitators are Peter Anlyan and Earl Hadden and, in part, by Richard Wang.

“Leading Through Information Quality” -
 Part of the PPI – Strategic Breakthrough Methodology

The confluence of development of people, process and information is crucial to reaching the mature stage of data quality. In many organizations, an important challenge within this triumvirate is the ability of people to navigate the political waters and conflict inherent in teaming with cross-functional teams and gaining sponsorship at the top. Successful efforts are dependent on basic management, leadership and communication skills. [Register here](#). For more information, contact Peter Anlyan at peter@anlyanconsulting.com or 919-669-0052.

Post-Symposium Event I: Experiences Achieving Data Quality in a High Volume DoD Operational Environment, Friday, July 15, 2011 (1300-1700), E51-325, MIT. Frank Ponzio, Jr. (Symbolic Systems, Inc.)

The forum discussions will be based on seven years (and counting) experiences that have resulted from implementing and now maintaining data quality processes while building tailored data products that rely on authoritative data sources for input. This high volume production environment develops data products for military systems that are built on a demanding schedule.

To continuously improve the data products’ data quality requires an agile development environment, with enduring capabilities and certain critical skills. The workshop will focus on the risks, threats, and opportunities that the team has had to address in order to achieve and stay successful despite unreliable authoritative data sources. It will also include a discussion of experiences and challenges developing and maintaining data quality processes, tools, and staff.

Post-Symposium Event II: EDM Council Meeting by Michael Atkin, Friday, July 15, 2011 (1300-1700), E51-345, MIT. The event is independent of MIT2011IQIS Symposium. Contact atkin@edmcouncil.org.