

4th MIT Information Quality Industry Symposium 2010

(MIT 2010 IQIS)

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14-16 July 2010**

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Woo'Young Chung

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MIT 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 14, 2010 – July 16, 2010

Official Website

<http://mitiq.MIT.edu/IQIS/2010>
 Contact: Dr. Richard Wang
 Deputy Chief Data Officer
 Chief Data Quality Officer
 U.S. Army

Director, MIT Information Quality Program (on leave)

WEDNESDAY, July 14, 2010		
8:00-9:00 AM	CONTINENTAL BREAKFAST & CHECK-IN	Room
9:00-10:30 AM	Session T1A Tutorial Workshop: Business Intelligence Textual Integration -- Some Business Examples William H. Inmon Inmon Consulting Services	E51-345 pg. 1
	Session T1B Tutorial Workshop: Data Governance Data Governance with a Focus on Information Quality Gwen Thomas President The Data Governance Institute	E51-361
	Session T1C Tutorial Workshop: ISO 8000 Standards The NATO Codification System: Improving Data Quality through ISO Standards 22745 and 8000 Steven E. Arnett Chief, U.S. National Codification Bureau Defense Logistics Agency	E51-372 pg. 11

	<p>Session T1D Tutorial Workshop: Data Quality Solution</p> <p>1. Operational Data Quality Applied Michele Goetz Director Product Marketing Trillium Software</p> <p>2. Affordable Data Management pg. 50 Sebastiao Correia R&D Engineer, Talend, France Steve Sarsfield Product Manager, Talend</p>	E51-376
10:30-11:00 AM	Coffee Break	
11 AM-12:30 PM	<p>Session T2A Tutorial Workshop: IQ and Entities</p> <p>Entity & Identity Resolution pg. 68 John R. Talburt Director of ERIQ Laboratory University of Arkansas at Little Rock</p>	E51-345
	<p>Session T2B Tutorial Workshop: Data Archiving</p> <p>Data Quality and Database Archiving: The Intersection of Two Important Data Management Functions pg. 101 Jack Olson Chief Executive Officer SvalTech</p>	E51-361
	<p>Session T2C Tutorial Workshop: Enterprise Architecture</p> <p>Enterprise Architecture's Identity Crisis: Caution Sign for the EA/IQ Relationship pg. 120 P. Kathie Sowell President Custom Enterprise Solutions, LLC</p>	E51-372
	<p>Session T2D Tutorial Workshop: Business Quality</p> <p>Quality Principles, Processes and Techniques Applied to Information Quality Management pg.132 Larry P. English President Information Impact International, Inc.</p>	E51-376

12:30-2:00 PM	<p>LUNCH & KEYNOTE SPEECH</p> <p>Chairs' Welcome and Opening Remarks</p> <p>Symposium Co-Chairs Suzanne Acar, Peter Anlyan, Linda Kresl</p> <p>Program Co-Chairs Willa Pickering, Joseph M. Bugajski, Garry Darrer, Charles McKinney</p> <p>UALR MSIQ/PhD Update John Talburt & Rolf Wigand</p> <p>ACM-JDIQ update Yang Lee</p> <p>IQ Society Update QIBRAS (Brazil), ExIQ (France), DGIQ (Germany), ArgIQ (Argentina), IAIDQ</p> <p>MIT 2011 IQIS Announcement Joseph Bugajski (Business & Finance) Peter Anlyan (Health Care) Suzanne Acar (Government)</p> <p>Keynote Speech</p> <p><i>Data -- A Force Multiplier for Effective Decision Making</i> pg. 163</p> <p>Mr. Michael Krieger Deputy CIO, Office of the Army CIO/G6</p>	E51-345
2:00-2:30 PM	COFFEE BREAK	
2:30-4:00 PM	<p>Session 1A Government IQ and Metrics for Shared Information Session Chair: Willa Pickering, Lockheed Martin Corporation</p> <p>1. Paradox in Network Data Quality of Service: Consumer Perspective vs. Provider Perspective pg. 164 Susmit H. Patel Senior Principal Engineer The MITRE Corporation</p> <p>2. Flexible and Generic Data Quality Metrics pg. 174 David Becker Principal Information Systems Engineer The MITRE Corporation</p>	E51-345

	<p>Session 1B IQ in Medical Informatics I Session Chair: Peter Anlyan, Anlyan Consulting, LLC</p> <p>1. Data Quality and Stewardship in the Veterans Health Administration pg. 175 Mark Love Data Stewardship Program Manager Veterans Health Administration (VHA) Sara Temnitz Business Product Manager Office of Information, Health Data and Informatics, Data Quality Program Department of Veterans Affairs</p> <p>2. Aligning Multiple Data Sources for Quality, Regulatory Compliance, and Documentation Improvement around Hospital-Acquired Conditions pg. 191 Brian Taylor, PhD Director of Clinical Analytics New York Presbyterian Healthcare System Wazim Narain, MPH Specialist, Data Analytics / Business Solutions Group New York Presbyterian Healthcare System</p>	<p>E51-361</p>
	<p>Session 1C Data Governance Session Chair: Joseph M. Bugajski, Burton Group</p> <p>1. Effective Information Governance pg. 204 Steve Adler Director, IBM Data Governance Program IBM</p> <p>2. Improving Your Business IQ and Governance pg. 205 Linda Kresl Data Warehouse Manager Yahoo!</p>	<p>E51-372</p>
	<p>Session 1D Financial Industry Enterprise Architecture Session Chair: Charles McKinney, Freddie Mac</p> <p>1. Enterprise Architecture and Business Transformation: Engaging the Executive Suite pg. 217 J. McDuffie Brunson Managing Director KPMG</p> <p>2. Model Driven Message Interoperability pg. 218 Mark Eisner Chief Technology Officer Firestar Software</p> <p>3. Financial Track Overview: IQ and Regulatory Reform pg. 227 Charles McKinney Senior Director, Advanced Analytics Freddie Mac</p>	<p>E51-376</p>

4:00-4:30 PM	COFFEE BREAK	
4:30-6:00 PM	<p>Session 2A IQ Practice in Government Agencies Session Chair: Judith A. Pinsky, CECOM LCMC Software Engineering Center</p> <ol style="list-style-type: none"> 1. Implementing Data Quality: One Data Element at a Time Frank Ponzio President and CEO Symbolic Systems, Inc 2. Standard Ontologies for Improved Data Quality Jim Schoening Team Leader of the Net-Centric Data Transformation Team Data Strategy Center of Excellence 3. Putting IT All Together: Making Data Visible, Accessible, Trusted and Understandable Dan Jensen Director, Army Data Center Fairfield 	E51-345
	<p>Session 2B IQ and Data Commercial Software Session Chair: Linda Kresl, MIT Information Quality Program</p> <p>Commercial Off-the-Shelf Data Quality Solutions pg. 228 Salomon de Jager Chief Executive Officer The Pilog International Group of Companies</p>	E51-361
	<p>Session 2C Master Data Management Session Chair: Carol Chapman, American National Insurance Co.</p> <ol style="list-style-type: none"> 1. Business Value of MDM and High Quality Data -- A Practical Framework pg. 229 Kimmo Kontra Manager, Information Management Services Data Management & Architecture Doman Accenture 2. Essential Elements of a Master Data Management Architecture pg. 241 Joseph M. Bugajski Burton Group 	E51-372

	<p>Session 2D IQ in the Enterprise Session Chair: Peter Anlyan, Anlyan Consulting, LLC</p> <p>1. Sustaining Data Quality -- Lessons from the Field pg. 254 Tony O'Brien Finance Manager Remploy</p> <p>2. Enterprise Architecture Led Information Quality Strategy: "Two Sides of the Same Coin" pg. 267 Jay Barua Enterprise Data Architect REI, Inc.</p>	E51-376
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6:15-8:45 PM	<p>SYMPOSIUM DINNER AT MIT FACULTY CLUB</p> <p><i>This dinner event is sponsored by Burton Group</i></p>	
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THURSDAY, July 15, 2010

8:00-9:00 AM	CONTINENTAL BREAKFAST	
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9:00-10:30 AM	<p>Session 3A NATO IQ Practices Session Chair: Steve Arnett, US National Codification Bureau</p> <p>1. Data Quality at UK National Codification Bureau (UKNCB) George Bond NATO</p> <p>2. Master Data Quality (ISO 8000) Applied To Unite NATO and Other Codified Data in ERP Systems for Government pg. 268 Salomon de Jager Chief Executive Officer The Pilog International Group of Companies</p>	E51-345
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	<p>Session 3B IQ in Medical Informatics II Session Chair: Bruce Davidson, Cedars-Sinai Health System</p> <p>1. caCore Evolves: Semantics II-Future Innovations Denise Warzel National Cancer Institute</p> <p>2. Using What You Have to Build What You Need pg. 269 Patricia Gunter, MS Senior Informaticist, Biomedical Informatics Duke Translational Medicine Institute</p>	E51-361
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	<p>Session 3C IQ Solutions Session Chair: Joseph M. Bugajski, Burton Group</p> <p>1. Business Impact of Social Media pg. 287 Krish Krishnan Analyst Sixth Sense Advisors, Inc</p>	E51-372
	<p>Session 3D Decision Modeling and Business Rules Session Chair: Charles McKinney, Freddie Mac</p> <p>1. The Decision Model: Linking Business and Technology pg. 307 Larry Goldberg Managing Partner Knowledge Partners International</p> <p>2. Managing Business Rules and Information Quality across an Extended Enterprise pg. 308 Mark J. Pettit Vice President, Operations Shared Services Freddie Mac</p>	E51-376
10:30-11:00 AM	COFFEE BREAK	
11 AM-12:30 PM	<p>Session 4A IQ in the Government Session Chair: Willa Pickering, Lockheed Martin Corporation</p> <p>1. Data.gov: Answering the Demand for Open Government Data pg. 317 Suzanne Acar Federal Bureau of Investigation</p> <p>2. Federal Agency Implementation of the Federal Information Quality Act pg. 336 Richard B. Belzer, Ph.D. President Regulatory Checkbook</p>	E51-345
	<p>Session 4B IQ Practices in Health Systems Session Chair: Bruce Davidson, Cedars-Sinai Health System</p> <p>1. Data Quality Assessment Framework pg. 337 Laura Sebastian-Coleman, Ph.D. Ingenix, a subsidiary of UnitedHealth Group (UHG)</p> <p>2. Data Quality Challenges in Developing a Large Scale Primary Care Medical Home Pilot Project Michael Nix Fletcher Allen Health Care Randy Messier Fletcher Allen Health Care</p>	E51-361

	<p>Session 4C IQ Management Processes Session Chair: Joseph M. Bugajski, Burton Group</p> <p>1. Data as an Asset: Balancing the Data Ecosystem pg. 348 Tonie Leatherberry Principal Deloitte Consulting LLP Rena Mears Partner Deloitte Consulting LLP</p> <p>2. Data Quality: When is Good Enough, Enough? pg. 365 Phil Teplitzky Independent Consultant</p>	E51-372
	<p>Session 4D Financial Industry Data Process Management Session Chair: Charles McKinney, Freddie Mac</p> <p>1. Integrating Information Management into IT Planning pg. 374 Diane Schmidt Vice President Freddie Mac</p> <p>2. The Federal Reserve System's Enterprise Information Management Program pg. 375 Atulya Tiwari Senior Enterprise Architect Federal Reserve System</p>	E51-376
12:30-2:00PM	<p>LUNCH & KEYNOTE SPEECH</p> <p>Keynote Speech</p> <p><i>Information Quality and the Financial Crisis</i> pg. 376</p> <p>John Bottega Vice President and Chief Data Officer Federal Reserve Bank of New York</p>	E51-345
2:00-2:30 PM	COFFEE BREAK	
2:30-4:00 PM	<p>Session 5A IQ Practice in Government Agencies Session Chair: Suzanne Acar, Federal Bureau of Investigation</p> <p>1. Information Quality at the Transportation Security Administration pg. 377 Jim Watts Program Manager Performance Management Information System (RMIS)</p>	E51-345

	<p>Session 5B Health Information Exchange Session Chair: Bruce Davidson, Cedars-Sinai Health System</p> <p>1. Metadata Management in Biomedical Research: A Comprehensive Paradigm pg. 391 Neera Bhansali Department of Biomedical Informatics Moffitt Cancer Center & Research Institute</p> <p>2. My Diabetes University Application for Teens pg. 402 Eugene Kolker Chief Data Officer Seattle Children's Hospital</p>	<p>E51-361</p>
	<p>Session 5C IQ Models Session Chair: Joseph M. Bugajski, Burton Group</p> <p>1. Application of Similarity-based Clustering to Entity Resolution pg. 409 Thomas Schweiger Acxiom Corporation Xiaowei Xu University of Arkansas at Little Rock</p> <p>2. Organized Chaos: A Framework for Classifying Data Quality Problems..... pg. 410 Joe Maguire Burton Group</p>	<p>E51-372</p>
	<p>Session 5D New Data Management Requirements for the Financial Industry Session Chair: Michael Atkin, Enterprise Data Management Council</p> <p>1. Financial Industry Changing U.S. Regulatory Framework pg. 431 Joseph Langsam Managing Director, Analytic Research Morgan Stanley</p> <p>2. Financial Industry Changing European Regulatory Framework Francis Gross European Central Bank</p> <p>3. Mortgage Industry Data Standards pg. 432 Ted Adams Information Management Consultant Enterprise Data Strategy and Oversight Freddie Mac</p>	<p>E51-376</p>
<p>4:00-4:30 PM</p>	<p>COFFEE BREAK</p>	

4:30-6:00 PM	<p>Session 6A IQ Practice in Government Agencies Session Chair: Suzanne Acar, Federal Bureau of Investigation</p> <p>1. Data Profiling for DQ Assessment: Rapidly Building the Business Case for DQ Improvement pg. 433 David Loshin President Knowledge Integrity, Inc.</p> <p>2. Experiences in Data Quality pg. 434 Annette Pence The MITRE Corporation</p>	E51-345
	<p>Session 6B Data Quality Management in Healthcare Session Chair: Bruce Davidson, Cedars-Sinai Health System</p> <p>1. Information Quality Research from the Healthcare Perspective pg. 451 Marilou Haines President Alamo Software, Inc.</p> <p>2. Electronic Patient Records (EPR) and Public Reporting: Benefits and Challenges to Data Quality pg. 463 Elisa L. Horbatuk, MA Data Manager, Decision Support Services Stony Brook University Medical Center (SBUMC)</p>	E51-361
	<p>Session 6C IQ Technology Session Chair: Joseph M. Bugajski, Burton Group</p> <p>1. Business Insight through Real-time Analysis on Data in Motion pg. 490 Marcus C. Collins Senior Analyst Burton Group</p> <p>2. Portfolio Approach to Control Investment on Information Quality: Case Installed Base pg. 491 Jukka Koivuniemi Modultek Oy</p>	E51-372
	<p>Session 6D Financial Data Supply Chain Management Session Chair: Charles McKinney, Freddie Mac</p> <p>1. Framing the Necessary Conditions pg. 492 Michael Atkin Enterprise Data Management Council</p> <p>2. Reference Data Utility Concept Francis Gross European Central Bank</p> <p>3. Financial Industry Reference Data Proof of Concept pg. 493 Francis Parr IBM Research</p>	E51-376

6:00-7:30 PM	SYMPOSIUM RECEPTION AND SOCIAL AT MIT FACULTY CLUB	
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FRIDAY, J

8:00-9:00 AM	CONTINENTAL BREAKFAST	
9:00-10:30 AM	<p>Session 7A IQ Practices in the Government Session Chair: Willa Pickering, Lockheed Martin Corporation</p> <p>1. Police Data as a "Worst Case" Example of IQ Issues pg. 494 Daniel Bibel Program Manager, Crime Reporting Unit Commonwealth Fusion Center Massachusetts State Police</p> <p>2. Building Records Management into Business Processes to Improve Information Quality pg. 495 Laurence Brewer Director, Life Cycle Management Division National Archives and Records Administration (NARA)</p>	E51-345
	<p>Session 7B IQ Trends for High Tech Session Chair: Linda Kresl, MIT Information Quality Program</p> <p>1. Yahoo! Data Quality: Embedded DQ Strategy, Statistical Influences, and Challenges in Yahoo!'s Massive Data Environment pg. 508 Jeff Kibler Data Quality Lead, Audience Management & Analytics Yahoo! Oleksiy Chayka Yahoo! / University of Trento, Italy</p>	E51-361
	<p>Session 7C Information Supply Chains Session Chair: Bruce Davidson, Cedars-Sinai Health System</p> <p>1. Correcting the Misconceptions About the Nature of Data that Thwart Information Quality pg. 529 Lyn Robison Research Director Burton Group</p> <p>2. Accelerating Business Insight through Information Supply Chains pg. 549 Sebastian Gass Enterprise Architect Chevron</p>	E51-372

	<p>Session 7D Panel on Financial Data Management Implementation Pathway Session Chair: Charles McKinney, Freddie Mac</p> <p>Charles McKinney Freddie Mac John Bottega Federal Reserve Bank of New York Joseph Langsam Morgan Stanley Francis Gross European Central Bank Francis Parr IBM Research Ted Adams Freddie Mac</p>	E51-376
10:30-11:00 AM	COFFEE BREAK	
11:00-12:00 PM	<p>CLOSING PLENARY SESSION</p> <p>Roundtable Discussion</p> <p>MIT IQIS in 2015: Where Do We Go from Here? Co-Moderated by John Talburt and Linda Kresl</p> <p>Closing Remarks</p> <p>Dr. Richard Wang Office of the Army CIO/G6 and MIT IQ Program</p>	E51-345
	END OF THE SYMPOSIUM	