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(MIT 2011 IQIS)

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Editors:

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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 Gerald Radack, PiLog USA Inc.	E51-345 pg. 1
	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 pg. 2
	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 pg. 34
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 pg. 49
Tutorial Sessions		

2:15- 2:30 PM	COFFEE BREAK	
2:30- 4:00 PM Parallel Sessions	Session 1A Making Data Valuable to the Enterprise Session Chair: Joe Bugajski	E51-325
	1. Data Quality Makes The Big Time: How We Got Here, and Why We'll Never Be Done..... Ted Friedman Vice President Gartner, Inc.	pg. 107
	2. Beyond Stakeholder Buy-In: Getting Programmers and Other IT Professionals To Embrace IQ Initiatives Joe Maguire Principal Analyst and Consultant O'Kelly Associates.	pg. 116
	Session 1B Panel: Usability in Health Information Technology Session Chair: Bruce Davidson	E51-345
	Data Quality as a Dimension of Usability for Health IT: Update from a Working Group 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	pg. 134
	Session 1C Civilian Government Agency Perspectives Session Chair: Suzanne Acar	E51-372
	1. Jump Starting Data Governance: A Program Manager's Story Laura Duvall Senior IT Specialist, DHS	pg. 166
	2. Case Study: IRS Data Integrity Daniel Chaddock, Director, Solution Engineering, IRS	pg. 177
4:00- 4:30 PM	COFFEE BREAK	
4:30- 6:00 PM Parallel Sessions	Session 2A Case Studies: IQ at Work Session Chair: Joe Bugajski	E51-325
	1. Case Study: How Data Quality Has Evolved at MathWorks Kirk Amidon Marketing Data Analyst, MathWorks	pg. 178
	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	pg. 200

	<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 pg. 202</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! pg. 239 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 pg. 240 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 pg. 252 David Becker, Principal Information Systems Engineer The MITRE Corporation</p>	E51-372
6:00-7:30 PM	SYMPOSIUM RECEPTION (ONLY) AT MIT FACULTY CLUB	

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 pg. 253 Yang Lee, Associate Professor Northeastern University Harry Zhu, Assistant Professor Old Dominion University</p> <p>2. Update: IQ in China pg. 255 Wei Huang, Executive Dean 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 pg. 257 M. Chris Gibbons, 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 pg. 270 Paul Rosenau 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>National Defense Perspective pg. 290</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	
11 AM-12:30 PM Parallel Sessions	Session 4A Measuring and Reporting Data Quality Session Chair: Joe Bugajski	E51-325
	1. The Value of Data Quality Solutions Deepa Srinivasan IT Applications Manager National Instruments Christine McClary Internal Consultant, Business Intelligence Group National Instruments	pg. 292
	2. Visualizing Financial Information Quality Using Heat Maps and Semantic Data Quality Rating System Ashu Bhatnagar, CEO Good Morning Research	pg. 308
	Session 4B HIT Trends and Your Organization Session Chairs: Peter Anlyan	E51-345
	1. HITECH Investments in HIT and What We're Seeing in the Field as a Result Laura Adams, CEO Rhode Island Quality Institute (RIQI) 2. IT and Comparative Effectiveness Research Don Goldmann, Senior VP Institute for Healthcare Improvement (IHI)	pg. 324
	Session 4C Practical Approaches Session Chair: Bob Kenley, Program Manager, MIT Lean Advancement Initiative	E51-372
	1. Information Quality Approach at Colorado Micheline Casey, Former Chief Data Officer Governor's Office of Information Technology 2. The "Tagged Data Authority Engine" — Assurance and Data Integrity for Government Agencies and Fusion Centers Shawn P. McCarthy, Director of Research IDC Government Insights	pg. 326 pg. 347
12:30-2:00PM	LUNCH & KEYNOTE SPEECH	E51-345
	Keynote Speech Data, Quality, & Becoming a C.R.A.P. Detector Steve Meurer Senior Vice President Comparative Data & Informatics University HealthSystem Consortium	pg. 365
2:00-2:30 PM	COFFEE BREAK	

2:30-4:00 PM Parallel Sessions	Session 5A Future Data: Drag the Enterprise into the 21 st Century Session Chair: Joe Bugajski 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.	E51-325 pg. 394 pg. 410
	Session 5B Data Aggregator's Dilemma: Partnerships for Managing Data Quality in a Shared Database Session Chair: Bruce Davidson Data Aggregator's Dilemma: Partnerships for Managing Data Quality in a Shared Database 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 (invited) Denver Health, Director of Biostatistics & Clinical Data Warehouse	E51-345 pg. 427
	Session 5C NATO Perspectives Session Chair: Willa Pickering 1. The DNA of Modern Logistics -- NATO Codification 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 R. Benson, Executive Director, ECCMA 4. Cataloging at Source in Practice Salomon de Jager, Executive Director, PiLog	E51-372 pg. 450 pg. 460 pg. 478 pg. 491
4:00-4:30 PM	COFFEE BREAK	

<p>4:30-6:00 PM Parallel Sessions</p>	<p>Session 6A Models and Metadata: Session Chair: Joe Bugajski</p> <p>1. Repository Redux: Lessons Learned from 40 Years of Metadata Repositories pg. 492 David Eddy, General Manager David Eddy & Associates</p> <p>2. Semantic Metadata for Data Quality: Impact on Data Integration pg. 500 David S. Frankel, Lead Standards Architect – Model Driven Systems SAP Labs</p>	<p>E51-325</p>
	<p>Session 6B The Business Value of Data Quality Session Chair: Anne Marie Smith, LiquidHub, Inc.</p> <p>1. Making It Real – The Business Value of Data Quality at Sallie Mae pg. 502 Michele Koch, Director, Enterprise Data Management Sallie Mae</p> <p>2. How to Assess the Business Value of Data Quality pg. 522 Danette McGilvray, President and Principal Granite Falls Consulting, Inc.</p>	<p>E51-345</p>
	<p>Session 6C IQ Perspectives Session Chair: John Talburt</p> <p>1. Bringing in the Emerging <i>Realized</i> Information Age 3.0 pg. 545 Larry English, President Information Impact International, Inc.</p> <p>2. Update: IQ Certification Program – UALR/IAIDQ pg. 574 John Talburt, UALR</p>	<p>E51-372</p>
<p>6:00-7:30 PM SYMPOSIUM RECEPTION ONLY AT MIT FACULTY CLUB</p>		
<p>FRIDAY, July 15, 2011</p>		
<p>8:15-9:00 AM</p>	<p>CONTINENTAL BREAKFAST</p>	

<p>9:00-10:30 AM Parallel Sessions</p>	<p>Session 7A The Data Economy Session Chair: Joe Bugajski</p> <p>1. Infonomics: The Economics of Information and Principles of Information Asset Management pg. 590 Doug Laney Eminence Lead, Deloitte Analytics Institute Deloitte Consulting LLP</p> <p>2. The Decision Model: An Introduction and a Case Study at Freddie Mac pg. 604 Barbara von Halle and Larry Goldberg Managing Partners Knowledge Partners International, LLC (KPI) Tom Schweikert Business Rules Manager, Information & Decision Mgmt Freddie Mac</p>	<p>E51-325</p>
	<p>Session 7B Key Information Quality Issues in Healthcare IT Session Chair: Peter Anlyan</p> <p>1. Meaningful Use in Five Years pg. 623 Michele Madison Morris, Manning and Martin, LLP</p> <p>2. Data Quality and Interoperability of Identity Data in the Veterans Health Administration pg. 625 Sara Temnitz & Alice Cave Veterans Health Administration</p>	<p>E51-345</p>
	<p>Session 7C Perspectives from Military and Intelligence Activities Session Chair: TBD</p> <p>1. Lessons Learned in Implementing Metadata and XML Standards to Improve Quality and Discoverability of Intelligence pg. 639 Doug Whall, Alanthus Associates</p> <p>2. A Data Quality Strategy for Large Organizations – How the German Armed Forces manage master data quality in the logistics domain pg. 650 Joachim Sobota and Christian Fürber, Joint Support Command, German Armed Forces</p>	<p>E51-372</p>
<p>10:30-10:45 AM</p>	<p>COFFEE BREAK</p>	
<p>10:45 - 12:00 PM Plenary Session</p>	<p>CLOSING PLENARY SESSION Open Discussion & Closing Remarks Moderator: Stuart Madnick, MIT Sloan School of Management</p>	<p>E51-345</p>
	<p>END OF THE SYMPOSIUM</p>	