# IS&T Archiving Conference 2011 (ARCHIVING 2011)

Salt Lake City, Utah 16-19 May 2011

ISBN: 978-1-63266-640-6

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# **Technical Papers Program: Schedule and Table of Contents**

\* Please join us for the Welcome Reception, held Monday evening May 16, from 6:00–7:30 pm in Salon D.

# **TUESDAY MAY 17, 2011**

### Welcome and Keynote 8:30 - 9:30 AM 2:00 - 3:30 PM Session Chairs: Wayne Metcalfe, FamilySearch, and Kate Zwaard, Session Chair: Kathleen Murray, University of North Texas (USA) US Government Printing Office (USA) 2:00 How Long is Long-Term Data Storage? (Focal), Barry M. Lunt, 8:30 Creating a Digital Future: The National Archives and Information Brigham Young University (USA) ...... 2:30 Quality Criteria for Digital Information in Long-Term Digital Preservation, Margarita Korenkova and Ann Hägerfors, Luleå University of Technology (Sweden) . . . . . . . . . **Technical Papers Program** Policy-Driven Ingest—A Graphical User Interface to iRODS, Mike C. Conway, Jewel H. Ward, Antoine de Torcy, Hao Xu, 9:40 - 10:40 AM Arcot Rajasekar, and Reagan W. Moore, University of North Session Chair: Priscilla Caplan, Florida Center for Library Automation (USA) 3:10 Metadata: Key to High-Volume Access to Records, 9:40 Long-Term Access to Archival Materials that are not in a Emily S. Schultz and Paul D. Abbott, FamilySearch (USA) . . . . . . 44 **Traditional Archives,** Nancy Marelli, Concordia University (Canada) 10:00 Implementation of a High Performance Architecture for 3:30 - 4:00 PM Coffee Break Managing and Storing Web-Harvested Collections, Michael Smorul and Joseph Jaja, University of Maryland (USA) . .3 10:20 Using Tape for Large-Scale Digital Preservation, Gary Wright, 4:00 - 5:40 PM Session Chair: Mogens Koch, The Royal Danish Academy of Fine Arts (Denmark) 4:00 Images in 3D Digitizing, Esa Hannus and Osmo Palonen, 10:40 - 11:10 AM Coffee Break 4:20 Towards Interoperable Preservation Repositories: Repository Exchange Package Use Cases and Best Practices, 11:10 AM - 5:20 PM Joseph Pawletko, New York University, and Priscilla Caplan, Session Chair: Osmo Palonen, Mikkeli University of Applied Sciences (Finland) 4:40 SARKK—Comprehensive Digital Archive Services for Finnish Municipalities, Katariina Ryhänen, Etelä-Savon tietohallinto Oy 11:10 Moving On: When It Is Time to Re-archive, Michael Selway, 11:30 Digital Object Curation at Scale, Tom Creighton, FamilySearch 5:00 IT Professionals and Archivists Need Common Studies in Digital (USA); Jonathan Tilbury, Tessella plc (UK); and Mark Evans, Archiving, Paula Siitonen, Mirja Loponen, and Osmo Palonen, Tessella Inc., (USA) 11:50 Growing a Mutually-Beneficial Digital Curation Internship 5:20 Magnetic Tape Technology Directions and Economic Advantages Program that is Sustainable and Low Cost, R. Niccole Westbrook and Michele Reilly, University of Houston (USA) 12:10 The Self-Audit of GPO's Federal Digital System, FDsys, 12:30 - 2:00 PM Lunch Break

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# WEDNESDAY MAY 18, 2011

	Awards Presentation and Keynote		
	8:30 – 9:30 AM		2:00 - 3:30 PM
	Session Chair: Wayne Metcalfe, FamilySearch (USA)		Session Chair: Peter D. Burns, consultant (USA)
3:30 <b>I</b>	Preservation in a Digital Age, Jay Verkler, FamilySearch	2:00	DAITSS Grows Up: Migrating to a Second Generation
l	(USA)		<b>Preservation System (Focal),</b> Priscilla Caplan and Carol C.H. Chou, Florida Center for Library Automation (USA)
		2:30	A Community Driven Micro-Services Architecture Supporting
	Technical Papers Program		Long Term Digital Preservation, Mark Evans and Bill Steel, Tessella Inc. (USA), and Robert Sharpe, James Carr, Alan Gairey,
	9:40 – 10:40 AM		and Jonathan Tilbury, Tessella plc (UK)
Sessi	ion Chair: Peter Krogh, American Society for Media Photographers (USA)	2:50	Automated Metadata Creation to Enhance Search Capabilities in GPO'S Federal Digital System, Lisa LaPlant and Blake Edwards,
	Enhanced Education for Better Imaging Practices: A Case Study		US Government Printing Office, and Paul Nelson, Search
	at the University of Michigan, Paul Conway, University of	0.10	Technologies Corporation (USA)
	Michigan, and Don Williams, Image Science Associates	3:10	The Case for Implementing Core Descriptive Embedded
ا 1	(USA)		Metadata at the Smithsonian, Stephanie Christensen, National Anthropological Archives, Smithsonian Institution, and Doug
	Lauren Ko, and Mark Phillips, University of North Texas		Dunlop, Smithsonian Institution Libraries (USA)
	(USA)		
	Inspiring Research, Inspiring Scholarship: The Value and		
	Benefits of Digitized Resources for Learning, Teaching,		Interactive Paper Session
	Research and Enjoyment, Simon Tanner, King's College		
l	London (UK)		3:30 – 5:00 PM
			Using GPUs to Improve Image Processing Throughput at
	10:40 – 11:10 AM Coffee Break		FamilySearch, Ben Baker, FamilySearch (USA)
			Metadata Capture and Geospatial Records, Elizabeth Perkes,
	11:10 AM - 12:30 PM		Utah State Archives and Records Service, and Lisa Speaker, North Carolinia State Archives (USA)
	Session Chair: Scott Geffert, Center for Digital Imaging, Inc. (USA)		One Stone, Two Birds: Data Assessment Framework for Digital
	desirent chair, desirent, center for Digital imaging, inc. (60%)		Collection Audit and Preservation, Aaron Collie, Lucas Mak, and
11:10	Color in Digital Preservation, Robert Buckley, Univ. of Rochester/		Shawn W. Nicholson, Michigan State University (USA) 131
1	NewMarket Imaging; Steven Puglia, Library of Congress; and		Preservation of Documents and Photographic Images: Long Term
	Michael Stelmach, consultant (USA)		Strategies for Future Generations, Joseph E. LaBarca, Pixel
	Accurate Color? A Preliminary Investigation into the Color		Preservation International (USA)
	Gamut of Selected Special Collection Library Objects,		Continuous Archiving of Group Digital Photograph Collections
	F. Barry Wheeler, Library of Congress, and Michael J. Bennett,		with a MPEG-7 Based Crowd Sourcing Annotation Methodology. Pei-Jeng Kuo, Po-Yu Cheng, and Wei-Chen Su, National Chengch
	University of Connecticut Libraries (USA)		University (Taiwan)
	Papers, Peter Meinlschmidt, Fraunhofer-Institute for Wood Research		Building Digital Collections through Partnerships: Brigham
	Wilhelm-Klauditz-Institut, and Volker Märgner, Technische		Young University's Harold B. Lee Library and the Internet
	Universität Braunschweig (Germany)		Archive, Elizabeth Smart, Brigham Young University (USA) 150
	Implementing a Quality Assurance Plan for Monitoring Scanner		Swinging in the Archives: In-House File Transfer of DATs,
	<b>Performance,</b> Michael J. Horsley and John T. Berezich, National		Lynda Schmitz Fuhrig, Smithsonian Institution Archives (USA) 153
,	Archives and Records Administration (USA)		Long-Term Storage of Digital Data on Cinematographic Film,
	10.00 0.00 0.41		Christoph Voges, Technische Universität Braunschweig and
	12:30 – 2:00 PM Lunch Break		Jan Fröhlich, CinePostproduction GmbH (Germany)
			The Problem of Preserving Database-Driven Content,
			Bill Anderson, Georgia Tech, and Denis Galvin, Rice University  (USA)
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LOCKSS, Micah Altman, Harvard University, and Jonathan				
Crabtree, University of North Carolina at Chapel Hill (USA) 165				
Case Study of a New York Museum's New Digital Lab,				
Michael Ulsaker, Ulsaker Studio, Inc. (USA)				
<b>Transport Neutral Digital Object Replication,</b> Mark Phillips and				
Kurt Nordstrom, University of North Texas (USA)				
Trusted Digital Repository Design: A Policy-Driven Approach,				
Chien-Yi Hou, University of North Carolina at Chapel Hill; Caryn				
Wojcik, Records Management Services, State of Michigan; and				
Richard Marciano, University of North Carolina at Chapel Hill				
(USA)				

10:40 AM - 11:10 PM Coffee Break

Why 300ppi? Requirements-Based Methodology for				
<b>Determining Digitization Project Specs,</b> Matt Pearson, Stanford				
University Libraries (USA)				

6:00 – 8:30 PM Conference Dinner buses leave at 6:00 pm from the hotel Sponsored by Tessella



# **THURSDAY MAY 19, 2011**

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	Keynote			
	8:30 - 9:30 AM	11:10 AM - 12:30 PM		
Se	ssion Chair: Kate Zwaard, US Government Printing Office (USA)	Session Chair: Erik Landsberg, Museum of Modern Art		
	eservation Starts from the Beginning, Michael L. Wash, attional Archives and Records Administration (USA) 193	11:10 What if the Image Quality Analysis Rates my Digitization System a "No Go?", Dietmar Wueller, Image Engineering (Germany)		
		11:30 Establishing Spatial Resolution Requirements for Digitizing		
	Technical Papers Program	Transmissive Content: A Use Case Approach, Don Williams,		
	9:40 – 10:40 AM	Image Science Associates; Michael Stelmach, consultant; and Steven Puglia, Library of Congress (USA)		
	Session Chair: Larry Telford, FamilySearch (USA)	11:50 Digitise More, Pay Less—Optimising the Preparation for Digitising Large Collections of Images: Case Study Photo		
9:40 <b>Att</b>	itudes about Institutional Archiving of Social Media,	Collection Netherlands Institution of Sound and Vision,		
	therine C. Marshall, Microsoft Research Silicon Valley, and	Margot Knijn, Netherlands Institute for Sound and Vision (the		
	ınk Shipman, Texas A&M University (USA)	Netherlands)		
	tomatic Image Quality Analysis of Arbitrary Targets with	12:10 Digitise More, Pay Less: An Industrial Evolution in the		
	lorite, Henrik Johansson, National Library of Sweden	Digitization of Cultural Heritage, Olaf Slijkhuis, Pictura Imaginis		
	veden)	bv (the Netherlands)		
	insitioning to International Imaging Standards at the			
Me	etropolitan Museum of Art's Photograph Studio: A Case Study,	6:00 – 9:00 PM		
Sco	ott Geffert, Center for Digital Imaging Inc. (USA)	Reception at Joseph Smith Memorial Building followed by a performance of the Mormon Tabernacle Choir		

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