IS&T Archiving Conference 2013 (ARCHIVING 2013)

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TECHNICAL PAPERS PROGRAM:

CONFERENCE SCHEDULE AND TABLE OF CONTENTS

TUESDAY APRIL 2, 2013

Short Courses I

8:00 - 10:00 AM

T1A Adding Digital Forensics Tools to Your Workflow Using BitCurator,

Christopher Lee and Kam Woods, University of North Carolina **T2A Scanner & Camera Performance Workshop,** Don Williams, Image Science Associates, and Peter D. Burns, Burns Digital Imaging

T3A Web Archiving: Implementation Standards and Issues, Mark Phillips, University of North Carolina Libraries; Abbie Grotke, Library of Congress; and Daniel Chudnov, George Washington University Libraries

T4A Using JPEG 2000 for Archival and Production Masters, Robert Buckley, University of Rochester/NewMarket Imaging

Short Courses II

10:15 AM - 12:15 PM

T1B Data Management Planning for the Cultural Heritage and Memory Sector, Martin Donnelly, University of Edinburgh; Günter Waibel, Isabel Meyer, and Thornton Staples, Smithsonian Institution

T2B FADGI Still Imaging Guidelines: Matching Needs and Implementation, Stephen Puglia, Library of Congress
T4B Storage Technologies for Archiving: Current State and Projected Innovations, Barry Lunt, Brigham Young University

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Megan Phillips, Kate Murray, and Mike Horsley, National Archives and Records Administration

1:15 - 5:30 PM

Digitized / Born Digital Together

Informal Meet and Greet

5:30 - 6:30 PM

Iron Horse Taproom, 507 7th St NW

WEDNESDAY APRIL 3, 2013

Welcome and Keynote

Session Chair: Christoph Voges, consultant

9:00 - 10:00 AM

Digital Preservation I

Session Chair: Jonas Palm, National Archives of Sweden

10:00 - 11:20 AM

11:20 - 11:50 AM Coffee Break

Arts and Archiving

Session Chair: Erik Landsberg, Museum of Modern Art

11:50 AM - 12:30 PM

12:10 Software Archaeology and the Preservation of Code-based
Digital Art, Francis T. Marchese, Pace University (USA) 25

Exhibitor Previews

Session Chair: Peter Burns, Burns Digital Imaging

12:30 - 12:35 AM

12:35 - 1:45 PM Lunch Break

Imaging Technology I		4:55 Joint Equalization/Demodulation for Digital Data Storage on	
	n Chair: Peter Burns, Burns Digital Imaging - 3:25 PM		Photographic Film, Christoph Voges, consultant, and Tim Fingscheidt, Technische Universität Braunschweig (Germany) 107
1:45	The Role of Image Modality and Visual Characteristics in Archiving Biomedical Images, Sameer Antani, Daekeun You, Matthew Simpson, Mahmudur Rahman, Dina Demner-Fushman, and George F. Thoma, US National Library of Medicine (USA) 31	Woolly	erence Reception / Mammoth Theater, Melton Rehearsal Hall, 641 D St NW - 7:00 PM
2:05	The state of the s		
2:25		TH	URSDAY APRIL 4, 2013
	(USA)	lmag	jing Technology II
2:45	Current Practices in Fine Art Reproduction: Project Summary, Susan Farnand and Jun Jiang, Rochester Institute of Technology, and Franziska Frey, Harvard College Library (USA)		n Chair: Christoph Voges, consultant - 10:30 AM
3:05		9:00 9:10	Opening Remarks Report of the CIE Technical Committee on Archival Colour Imaging, Robert Buckley, University of Rochester/NewMarket Imaging, and Steven Puglia, Library of Congress (USA) 112
	active Session I	9:30	Comparative Study of JPEG 2000 Compression and Format
	n Chair: Larry Telford, FamilySearch International – 4:15 PM	9:50	Configuration on Image Quality, Lei He and Steven Puglia, Library of Congress (USA)
Public Nethe Preser Jääske	ternational e-Depot to Guarantee Permanent Access to Scholarly cations, Marcel Ras, National Library of the Netherlands (the erlands)		Collections, Roman Graf and Ross King, Austrian Institute of Technology GmbH (Austria)
Mobil Muse	izing 3D Virtual Artifacts Exhibition System of National Palace um, Pei-Jeng Kuo, Yao-Nan Lein, Wei-Hsiang Su, Yi-Ting Wang,		active Session II
Towar Nation Impro	ng Huang, and Wei-Chen Chu, National Chengchi University an)	Towar Matthe	n Chair: Kari Smith, MIT Institute Archives and Special Collections 1 – 11:20 AM rd Permanence in Digital Data Storage, Barry M. Lunt, ew R. Linford, Robert C. Davis, Sarah Jamieson, Anthony Pearson, dao Wang; Brigham Young University (USA)
Kungli Accun	iga Biblioteket (Sweden)	Record	dable Optical Discs, Masatoshi Inui, JVC Advanced Media USA JSA)
Nicholson, Michigan State University (USA)		Swiss	Federal Laboratories for Materials Science and Technology erland)
and Heather Myers, VTLS Inc. (USA)		Revs I Sustai Eric Pl Presei	Mass Digitization: A Framework for Establishing, Measuring, and ining Quality, Matthew Pearson, The California Digital Library, and hilcox, Pixel Acuity LCC (USA)
Film	as a Storage Medium		ialifornia Digital Library (USA)
Session	n Chair: Don Williams, Image Science Associates – 5:20 PM	Family	Search (USA)
4:15 4:35	Preservation of Digitally Originated Motion Images on Film: An Integrated Systems Approach, Cindy A. Fitzgerald and John C. Rutter, Eastman Kodak Company (USA) 98	Displo HADA Histori Danie El-San Brauns	ny, John Sarnowski, The ResCarta Foundation (USA)
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Digital Preservation II	FRIDAY APRIL 5, 2013	
Session Chair: Kit Arrington, Library of Congress 11:20 AM – 12:40 PM	Remarks and Keynote	
11.20 AM - 12.40 FM	Session Chair: Peter Burns, Burns Digital Imaging	
11:20 Scalable Preservation Decisions: A Controlled Case Study,	9:00 - 9:55 AM	
Hannes Kulovits, Austrian State Archives (Austria); Christoph Becker,	O OO THE HERE OF THE POWER LAWS I THE WAY	
Vienna University of Technology (Austria); and Bjarne Andersen, State and University Library Denmark (Denmark)	9:00 The Identification of US POWs and MIAs from the Korean War via the Recovery and Digitization of Deteriorated Acetate X-rays,	
11:40 Metamorfoze in Transition for Prioritizing Digitization Archives,	Carl N. Stephan ¹ , Doug Munson ² , John E. Byrd ¹ , Thomas D. Holland, ¹	
Marg van der Burgh, Koninklijke Bibliotheek (the Netherlands) 173	Ki-Joo Kim, ¹ and Emily Wagner Phoenix ¹ ; ¹ Joint POW/MIA	
12:00 Adoption of Infrastructure-as-a-Service at the National Library	Accounting Command and ² Chicago Albumen Works (USA) . 210	
of New Zealand, Cynthia Wu, National Library of New Zealand		
(New Zealand)	Grand and Calling	
12:20 Focus on the Future: Creating Born-Digital Standards for Large- Format Photography, Anne Mason, National Park Service, and	Standards and Guidelines Session Chair: Scott Geffert, Metropolitan Museum of Art	
Stephen Schäfer, Schäf Photo (USA)	10:00 – 11:00 AM	
12:40 – 1:55 PM Lunch Break	10:00 Digitization Standards at the National Archives and Records	
	Administration, Jeffrey Reed, Kate Murray, and Martin Jacobson,	
Metadata and Access	National Archives and Records Administration (USA) 211	
Session Chair: Paul Conway, University of Michigan	10:20 The NDSA Levels of Digital Preservation: Explanation and Uses, Megan Phillips, National Archives and Records Administration;	
1:55 – 3:15 PM	Jefferson Bailey, Metropolitan New York Library Council (METRO); Andrea Goethals, Harvard Library; and Trevor Owens, Library of	
1:55 Improving Access to Web Archives through Innovative Analysis	Congress (USA)	
of PDF Content, Mark E. Phillips and Kathleen Murray, University of	10:40 Guidelines for Legacy Repository Migration, Miguel Ferreira,	
North Texas (USA)	KEEP SOLUTIONS; José Carlos Ramalho, University of Minho;	
2:15 Use of Descriptive Metadata as a Knowledgebase for Analyzing	and Luís Faria, KEEP SOLUTIONS (Portugal)	
Data in Large Textual Collections, Dharitri Misra and George R. Thoma, National Library of Medicine (USA) 193	11:00 – 11:30 AM Coffee Break	
2:35 Descriptive Metadata for Scrapbooks: Interdepartmental	11.00 – 11.30 AM Collee bleak	
Collaboration to Support Efficiency and Discovery, David		
Gwynn, Anna Craft, and Kathelene McCarty Smith, University of	Quality Management	
North Carolina at Greensboro (USA)	Session Chair: Megan Phillips, National Archives & Records Administration	
2:55 Access and Preservation: Addressing Challenges of Linking	11:30 AM – 12:10 PM	
Cultural Heritage Datasets, Fenella G. France, Library of	11 20 The Pictual December Orable Control World Control Wo	
Congress, and Michael B. Toth, R.B. Toth Associates (USA) 204	11:30 The Digital Documents Quality Control Workflow at the BnF (Operation, Issue, Improvement), Ahmed Ben Salah, 1,2 Laurent	
	Duplouy, ¹ and Jean Philippe Moreux ¹ ; ¹ Bibliothèque nationale de	
	France and ² Université de Rouen (France)	
Optional Behind-the-Scenes Tours	11:50 An Open Source Infrastructure for Quality Assurance and	
Library of Congress and the National Gallery of Art	Preservation of a Large Digital Book Collection, Sven Schlarb,	
4:00 – 6:00 PM	Austrian National Library (Austria)	
	12:10 – 1:30 PM Lunch Break	
Special thanks to the	Digital Forensics and File Formats	
National Archives and Records Administration	Session Chair: Phil Michel, Library of Congress	
for providing the facilities for this conference.	1:30 - 2:50 PM	
<i>C</i> (3)	1:30 Automated Analysis and Visualization of Disk Images and	
	File Systems for Preservation, Kam Woods, Christopher Lee,	
	and Sunitha Misra, University of North Carolina at Chapel Hill (USA)	
(MILLE)	1:50 Curation of Earthquake Engineering Research Data, Stanislav	
	Pejša and Thomas Hacker, Purdue University (USA)	
MATIONIA	2:10 Collaborative Preservation Efforts of CAD/BIM Files, Aliza Allen	
NATIONAL	Leventhal, Simmons College and Cambridge Historic Commission	
ARCHIVES	(USA)	

2:30	Supporting Data Management for 3D and Raster Data: Lessons Learned from the DataPool Project, Gareth Beale, Steve Hitchcock, Hembo Pagi, Richard Boardman, and Graeme Earl, University of Southampton (UK)	IS&T WOULD LIKE TO THANK THE FOLLOWING FOR THEIR SUPPORT OF ARCHIVING 2013.
2:50	– 3:20 PM Coffee Break	
		Conference Sponsors
	vative Software, Projects, and Activities	MAM-A
	n Chair: David Walls, US Government Printing Office - 4:45 PM	National Archives and Records Administration
3:20 3:40	MapArt OpenSource Viewer: A Layered Solution for Viewing Scientific Imagery, Matthew Carroll and Reed Tomlinson, MapArt Systems, LLC; Melvin Wachowiak and E. Keats Webb, Smithsonian Institution—Museum Conservation Institute (USA)	Exhibitors JVC Advanced Media USA Inc.
00	Goebert, ^{1,2} Bettina Harriehausen-Mühlbauer, ¹ Christoph Wentzel, ¹ and Steven Furnell ² ; ¹ University of Applied Sciences Darmstadt (Germany) and ² University of Plymouth (UK)	Cinevation AS
4:00	Repository Development at the Library of Congress,	Behind-the-Scenes Tour Providers
4:20	David Brunton and Kate Zwaard, Library of Congress (USA) 270 Open Source for Policy, Costs, and Sustainability,	National Gallery of Art
4:40	Mikko Lampi and Osmo Palonen, Mikkeli University of Applied Sciences (Finland)	US Library of Congress