Archiving 2009

Preservation Strategies and Imaging Technologies for Cultural Heritage Institutions and Memory Organizations

Final Program and Proceedings

General Chair:
William LeFurgy,
Library of Congress
Technical Papers Program: Schedule and Contents

Please join us for the Welcome Reception, held Monday evening May 4, from 6:00–7:30 pm in the Crystal Room.

TUESDAY MAY 5, 2009

Keynote Session
Session Chair: Bill LeFurgy, Library of Congress (USA)
8:30 – 9:30 AM

8:30 Welcoming Remarks
8:40 From OAIS to DPS to NDHA, Steve Knight, National Library of New Zealand (New Zealand) ........................................ 1

Digital Collection Stewardship
Session Chairs: Robert Horton, Minnesota Historical Society (USA), and Astrid Verheusen, Koninklijke Bibliotheek (The Netherlands)
9:30 – 12:00 AM

9:30 Economically Sustainable Digital Preservation, Brian iavo/e, OCLC and Fran Herman, San Diego Supercomputer Center (USA) ................. 4
9:50 This Library Never Forgets: Preservation, Cooperation, and the Making of HathiTrust Digital Library, Jeremy York, University of Michigan (USA) ........................................ 5
10:10 Legal Agreements Governing Archiving Partnerships: The NGDA Approach, Julie Sweeney and Tracey Ervin, Stanford University; and Mary L Larsgaard, University of California, Santa Barbara (USA) ........................................ 11
10:30 Session Q&A
10:40 Coffee Break

11:10 Electronic Records Services for Archival Preservation, Lisa Weber and Haseen Uddin, United States National Archives and Records Administration (USA) ........................................ 1
11:30 Generating Metadata for Digital Preservation: The Chronopolis Scenario, Ardys Kozbia,1 Arwen Hutt,1 David Minor,2 Don Sutton,2 and Bradley Westbrook;1 1University of California San Diego Libraries and 2San Diego Supercomputer Center (USA) 16
11:50 Session Q&A

12:00 Interactive Session I Paper Previews: Interactive Paper Session presenters will give brief overviews of their papers in the order listed under the session heading at right.

12:30 Lunch Break

Digital Collection Stewardship continued
Session Chairs: Steve Knight, National Library of New Zealand, and Katherine Skinner, Emory University (USA)
2:00 – 4:40 PM

2:00 A Selection and Archiving Strategy for Science Records, John L. Faundeen, US Geological Survey Earth Resources Observation and Science Center (USA) ........................................ 21
2:20 Preserving Geospatial Data: The National Geospatial Digital Archive’s Approach, Greg Janée, University of California, Santa Barbara (USA) ........................................ 25

* paper not available for publication

Crystal City Hilton Floor Plan

LOCATION NOTES

Registration, the exhibit, and the coffee breaks are located in the Farragut/Decatur foyer.

Short courses take place on the first floor; course room is indicated on ticket.

The Technical Sessions take place in Farragut Decatur.

The Interactive Paper Sessions take place in Dewey.

The Welcome and Conference Reception take place in the Crystal Room.
Assessing the Utility of Current Format Registry Efforts for Geospatial Formats, Nancy Hoebelheinrich, Stanford University Libraries, and Natalie K. Munn, Content Innovations, LLC (USA) ........................................ 30

3:00 Session Q&A

3:10 Coffee Break

Meeting the Preservation Demand Responsibly = Lowering the Ingest Bar?, Andrea Goethals, Harvard University Library (USA) 35

4:10 Digital Preservation: Using the Email Account XML Schema, Riccardo Ferrante and Lynda Schmitz Fuhrig, Smithsonian Institution Archives (USA) ........................................ 41

4:30 Session Q&A

Interactive Session I

Session Chair: Michelle Gallinger, Library of Congress (USA) 4:40 - 6:15 PM

Study of Contemporary Art Preservation with Digitization, Claudine Boust, Matthieu Dubail, and Cécile Dazorl, Centre de Recherche et de Restauration des Musées de France (France) ........................................ 47

Preparing for the Future as We Build Collections, Jody L. DeRidder, University of Alabama (USA) ........................................ 53

Digital Archive Program of the Songjiang Battle Array, Yung-Cheng Hsieh, Hui-Wen Cheng, and Ya-Wen Xiao, National Taiwan University of Arts (Taiwan) ........................................ 58

The Year of Content: Learning from Experience Transferring Digital Content across the NDIIPP Network, Michelle Gallinger and Leslie Johnston, Library of Congress (USA) ........................................ 65

Search and Access Strategies for Web Archives, Sangchul Song and Joseph Jaja, University of Maryland (USA) ........................................ 73


Digital Data Storage on Microfilm — The MILLENIUM Project: Hardware Realization, Dominik Giel, Andreas Hofmann, and Wenzel Salzmann, Fraunhofer IPW, and Christoph Voges, Technische Universität Braunschweig (Germany) ........................................ 80

Long-Term Preservation and Certification: Civil Status in a Digital Environment, Maurizio Talamo, Guido Maria Marinelli, Alessandra Aversa, and Sanja Moceri, University of Rome “Tor Vergata” (Italy) ........................................ 82

Avoiding the Cold-Path: Digital Preservation Readiness for Growing Collections and Distributed Preservation Networks, Martin Halbert and Katherine Skinner, Emory University; and Gail McMillan, Virginia Polytechnic Institute and State University (USA) ........................................ 86

Defining Digital Archaeology, Sergio Gregorio, University of Basel and Swiss Federal Chancellery (Switzerland) ........................................ 92

On the Value of Two-Dimensional Fixed-Length Modulation Codes for Digital Data Storage on Microfilm, Christoph Voges, Mischa Siekmann, and Tim Fingscheidt, Braunschweig Technical University (Germany) ........................................ 96

6:15-8:15 pm Conference Reception

Crystal Ballroom

WEDNESDAY MAY 6, 2009

Keynote Session

Session Chair: Bill LeFurgy, Library of Congress (USA)

8:40 - 9:30 AM

8:30 Announcements and Award Presentation

8:40 Present Status and Next Steps for the Google Book Search Project, Dan Clancy, Google (USA) ........................................

Digital Collection Stewardship Continued

Session Chairs: Martin Halbert, Emory University (USA), and William Lazorchak, Library of Congress (USA)

9:30 - 10:30 AM

9:30 One Man’s Obsoleteness is Another Man’s Innovation: A Risk Analysis Methodology for Digital Collections, Kevin De Vorsey and Peter McKinney, National Library of New Zealand (New Zealand) ........................................ 101


10:10 Barriers to Adopting PREMIS in Cultural Heritage Institutions: An Exploratory Study, Daniel Gelow Alemneh, University of North Texas (USA) ........................................ 113

10:30 Session Q&A

10:40 Coffee Break

Imaging and Preservation

Session Chairs: Erik Landsberg, Museum of Modern Art, and Phil Nichol, Library of Congress (USA)

11:10 AM – 4:30 PM

11:10 Digitising the Dead Sea Scrolls, Simon Tanner, King’s College London (UK) and Greg Bearman, ANE Image (USA) ........................................ 119

11:30 Preparing for the Image Literate Decade, Don Williams, Image Science Associates; and Peter D. Burns, Carestream Health, Inc. (USA) ........................................ 124

11:50 Session Q&A

Interactive Session II Paper Previews

Interactive Paper Session I presenters will give brief overviews of their papers in the order listed under the section heading of right.

12:30 Lunch Break

paper not available for publication
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