

IS&T Archiving Conference 2015 (ARCHIVING 2015)

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TECHNICAL PAPERS PROGRAM: CONFERENCE SCHEDULE AND TABLE OF CONTENTS

TUESDAY MAY 19, 2015

Archiving 2015 Short Course Program

8:00 AM - 5:45 PM

Held at the Luxe Sunset Blvd. Hotel

WEDNESDAY MAY 20, 2015

Welcome Remarks and Opening Keynote

9:00 - 10:00 AM

From “Act” to “Impact”: Combining Innovation, Evaluation, and Scale to Produce System-Level Change, Katherine Skinner, Educopia Institute (USA) 1

Digital Forensics

10:00 - 10:40 AM

10:00 **Redacting Private and Sensitive Information in Born-Digital Collections**, Kam Woods and Christopher A. Lee, University of North Carolina at Chapel Hill (USA) 2

10:20 **Boutique to Production—Insights from Stanford’s Born-Digital/Forensics Labs**, Michel Glenn Olson, Stanford University Libraries (USA) 8

10:40 - 11:20 AM Coffee Break / Exhibit Open

Innovative Software, Projects, and Services

11:20 AM - 12:20 PM

11:20 **The Evolving Process to Add Preservation Support for New Formats at Harvard Library**, Andrea Goethals, Franziska Frey, and David Ackerman, Harvard Library (USA) 12

11:40 **The International Image Interoperability Framework (IIIF): A Community and Technology Approach for Web-based Images**, Stuart Snyderman, Robert Sanderson, and Tom Cramer, Stanford University (USA) 16

12:00 **RDA – An Opportunity for Library and Archive Collaboration**, Hanna Fick, Anneli Fredriksson, and Helena Lindblom, Umea University Library (Sweden) 22

Exhibitor Previews

12:20 - 12:35 PM

12:35 - 2:00 PM Lunch Break

Creating and Preserving Dynamic Media

2:00 - 3:20 PM

2:00 **SoLoGlo—A Service to Archive, Analyze, and Link Social, Local, and Global News**, Martin Klein, Peter Broadwell, Todd Grappone, and Sharon Farb, University of California, Los Angeles (USA) 27

2:20 **Sustainable and Accessible Integrated Heritage Science Datasets**, Fenella G. France, Library of Congress (USA) 30

2:40 **Wayfinding in Complex Architectural Collections: A Collaborative Approach between Creator and Curator**, Maureen Jennings, Safdie Architects (USA); Jennifer Garland, Sarah Severson, and David Tkach, McGill University (Canada) 35

3:00 **PIVAJ: An Article-Centered Platform for Digitized Newspapers**, Pierrick Tranouez, Stéphane Nicolas, Julien Lerouge, and Thierry Paquet, LITIS - University of Rouen (France) 40

3:20 - 4:00 PM Coffee Break / Exhibit Open

Digital Preservation I

4:00 - 5:20 PM

4:00 **Preserving and Emulating Digital Art Objects**, Dianne Dietrich, Madeleine Casad, and Jason Kovari, Cornell University Library (USA) 44

4:20 **Preserving Jeremy Blake’s Archives**, Donald Mennerich and Julia Kim, New York University Libraries (USA) 49

4:40 **Using Maya® to Create a Virtual Museum**, Brittany D. Cox and Roy S. Berns, Rochester Institute of Technology (USA) 51

5:00 **Preserving Virtual Worlds Educational Events Using Social Media Networks and Cloud Storage Services**, Patricia C. Franks and A. Marie Vans, San Jose State University (USA) 56

Conference Reception

6:30 - 8:00 PM

Sunset Terrace, Luxe Sunset Boulevard Hotel

THURSDAY MAY 21, 2015

Getty Focal Talk

9:00 - 9:35 AM

The Role of Multilingual Thesauri in Enhancing Descriptive Metadata for Images of Cultural Works, *Murtha Baca, The Getty Research Institute (USA)* **60**

Imaging Technology I

9:40 - 10:40 AM

9:40 **Optimal Color Estimation by Combining Multiple Spectrodensitometer Measurements**, *Lei He, Library of Congress (USA)* **61**

10:00 **Realizing the Potentiality of Metrics in Digital Preservation**, *Anssi Jääskeläinen, Mikkeli University of Applied Sciences (Finland)* **66**

10:20 **Evaluation of 3D-Projection Image Capture**, *Peter D. Burns, Burns Digital Imaging, and Don Williams, Image Science Associates (USA)* **70**

10:40 - 11:10 AM Coffee Break / Exhibit Open

IS&T would like to thank the following
Behind-the-Scenes Tour providers:

Getty Research Institute
J. Paul Getty Museum
The Academy Film Archives

Imaging Technology II

11:10 AM - 12:10 PM

11:10 **ETRGB: An Encoding Space for Artwork Imaging**, *Roy S. Berns and Max Derhak, Rochester Institute of Technology (USA)* **74**

11:30 **Evaluating the Creation and the Preservation Challenges of Photogrammetry-based 3D Models**, *Michael J. Bennett, University of Connecticut (USA)* **78**

11:50 **Identification, Analysis, and Elimination of Craquelures in Old Oil Painting Images**, *Pengchang Zhang¹, Jay Arre Toque², Peng Wang¹, and Ari Ide-Ektessabi¹; ¹Kyoto University and ²Sabia Inc. (Japan)* **83**

12:10 - 1:20 PM Lunch Break

Digital Preservation II

1:20 - 2:00 PM

1:20 **Cloud-based Digital Preservation Services for Small or Midsized Institutions: Results of a Pilot Study of Archivematica + DuraCloud**, *Kevin Miller, Pepperdine University (USA)* **87**

1:40 **Write Once, Read Forever (WORF) Proof-of-Concept Demonstrated for Archival Data Storage Using Interference Spectra**, *Richard J. Solomon^{1,2}, Melitte Buchman³, Eric Rosenthal^{2,3}, Jonathan Smith¹, and Clark Johnson²; ¹University of Pennsylvania, ²Creative Technology LLC, and ³New York University (USA)* **92**

2:00 - 6:00 PM

Behind-the-Scenes Tours at the Getty Research Institute, J. Paul Getty Museum, and The Academy Film Archives.

FRIDAY MAY 22, 2015

Closing Keynote and IS&T Awards

9:00 - 10:00 AM

Engaging Education: On the Translation of Imaging Standards to Lab-based Education, *Paul Conway, University of Michigan (USA)* **98**

The Research and Teaching Behind the Short Course Topics

10:00 - 10:40 AM

10:40 - 11:10 AM Coffee Break

Managing Content and Digital Curation I

11:10 AM - 12:30 PM

- 11:10 **The Image Quality Translator—A Way to Support Specification of Imaging Requirements**, *Ulla Bøgvad Kejser and Mogens Bech, The Royal Library (Denmark)* **99**
- 11:30 **Using SharePoint Workflows and InfoPath Forms to Manage a Large-Scale Digitization Project: A Case Study of the Kissinger Papers Project**, *Kevin L. Glick and Rebecca Hirsch, Yale University Library (USA)* **104**
- 11:50 **Increasing the Versatility of Digitizations through Post-Camera Flat-Fielding**, *Joel Witwer and Roy S. Berns, Rochester Institute of Technology (USA)* **110**
- 12:10 **A Preservation Framework for Development of Digital Repositories**, *Babak Hamidzadeh, University of Maryland Libraries (USA)* **114**

12:30 - 2:00 PM Lunch Break

Managing Content and Digital Curation II

2:00 - 3:40 PM

- 2:00 **Considering Dynamic, Non-Textual Content when Migrating Digital Asset Management Systems**, *Ayla Stein, University of Illinois at Urbana-Champaign, and Santi Thompson, University of Houston (USA)* **119**
- 2:20 **Evaluation of Non-Reference Quality Assessment Algorithms to Curate Born-Digital Video Collections**, *Maria Esteva, Anne Bowen, Todd Richard Goodall, Alan Conrad Bovik, and Zach Brian Abel, University of Texas at Austin (USA)* **124**
- 2:40 **Building Digital Archive for the Third Sector**, *Mikko Lampi, Mirja Lopenen, Markku Nenonen, and Marita Mattila, Mikkeli University of Applied Sciences (Finland)**
- 3:00 **Archive-Enabling Tagging Using Progressive Barcodes**, *Steven Simske and Marie Vans, Hewlett-Packard Company (USA)* **130**
- 3:20 **Access Management and Openness in Digital Archives and Repositories**, *Mikko Lampi and Johanna Räisä, Mikkeli University of Applied Sciences (Finland)* **136**

3:40 - 4:00 PM Coffee Break

Lessons Learned Panel and Closing Remarks

4:00 - 5:00 PM

*Paper not available.

Special thanks to the
the Getty Research Institute,
the J. Paul Getty Museum, and their staff.

