

IS&T Archiving Conference

Meeting Announcement and
Call for Papers

April 20-23, 2004

The Hyatt Regency Hotel
San Antonio, Texas, USA

General Chair:

Franziska Frey, Rochester Institute of Technology
Robert Buckley, Xerox Corporation

Sponsored by:



The Society for Imaging
Science and Technology

<http://www.imaging.org>

Cooperating Society: TAGA

Introduction to Archiving 2004

Preserving our heritage is important and so much of that heritage is captured day by day in images and documents. Employing economical methods to save some fraction of that material for future generations is vitally important. We are concerned, furthermore, not only with how we will recover our own images and documents a generation hence, but how we can retrieve, recover and restore the culturally and historically important imagery of past generations.

This conference brings together technical experts to discuss the complex and widely varying topics on archiving. Techniques for preserving, cataloging, indexing and retrieving images and documents in both digital and human readable formats are subjects that will be covered in detail. Our goal is to benchmark systems that might be in place to preserve our digital and hardcopy information for the future, as well as to identify those areas where systems and technology are not yet up to the task, and further research is of high priority. Accordingly the interfacing of digital and hardcopy preservation strategies, issues of format obsolescence, and storage media technology are of particular interest.

The Archiving Conference 2004 will include: invited presentations by recognized experts with extensive experience in this field, refereed papers, and a series of tutorials to cover the technical basics of archiving. Special keynote presentations are planned, including one by Gordon Bell, Microsoft Research on his current MyLifeBits research.

Proposed Program Topics

Digital Image Archiving

- Standards for digital formats, color spaces, compression
- Indexing and searching
- Saving digital data to physical media

Archiving Conventional Media

- Standards for paper manufacturing
- Archival inks
- Photographic archives, including micro-formats
- Storage requirements
- Indexing and retrieval

Digitization

- High speed scanning
- High quality scanning
- OCR and document understanding

Obsolescence of Digital Media

- Software and hardware obsolescence
- Longevity of digital media
- Cost of media rollover

Accessing Electronic Archives

- Indexing and searching methods
- Web portals
- Content and digital asset management

Emerging Digital Standards

- PDF/A
- JPEG 2000
- MPEG
- Security and watermarking
- Digital rights management
- eBooks

Case Studies

- Digital Archives
- Long-term archives
- Museum collections
- Libraries
- Film archives
- Medical records

Personal Photo Archives

- Personal digital archives
- Saving pictures for a lifetime
- Indexing and organizing
- Digital versus paper

Held in conjunction with TAGA's Annual Conference, April 18-21

Invitation and Instructions to Authors

Prospective authors are invited to submit original papers for presentation in any of the technical areas listed in the "proposed program topics" section of this brochure. All submitted papers will be refereed by the technical committee in order to ensure that the conference provides significant and timely information to its participants. Papers should be authoritative and complete in regard to advancing the state of knowledge in the subject matter. The conference language will be English.

Authors may choose either a 20 minute oral presentation or a poster presentation with display boards. Oral and poster presentations are considered of equal importance and merit, and the author's preference for one or the other will be honored whenever possible.

If you wish to submit a paper, please use the web-based form and process described on the IS&T website at the following address:

<http://www.imaging.org/conferences/archiving2004/authors.cfm>

Use of the web based submission process is strongly preferred, however submission may also be made via e-mail to archiving@imaging.org. Reference subject line: Archiving 2004 Submission. Please include:

- 750 -1000 word abstract
Clearly identify the technical content of the paper and (if necessary) what is new compared to previously presented or published material on the same topic.
- 50 word biographical sketch of the primary author
- mailing address, phone, fax, e-mail for the primary author
- preferred format - oral or poster or either
- preferred session assignment

The deadline for submission is October 15, 2003.

Upon notice of acceptance, authors will be sent detailed instruction kits for submitting the full text of the paper for the conference Proceedings. A copyright transfer form must also be completed prior to publication.

Note especially that each author is responsible for obtaining appropriate clearances as necessary for presentation and publication of the work. Papers will be due by **January 30, 2004** for publication in the proceedings book that will be distributed to each attendee at the meeting.

Tutorials

A full program of tutorials is scheduled for Tuesday, April 20, 2004. Proposals for tutorial classes are invited. For submission instructions, please contact Conference Manager Pam Forness, pam@imaging.org.

Likely topics include:

- Archival properties of paper and other media
- Digital format standards
- Physics of archival inks
- Storage for digital documents
- Historical archival successes
- Lifetimes of various media (magnetic tape, CDs, DVDs, paper products)

San Antonio, Texas

American humorist and homespun philosopher Will Rogers, once described San Antonio as “one of America’s four unique cities”. From its founding in 1691 by Spanish missionaries, San Antonio has grown from a sleepy little Texas pueblo to the 9th largest city in the USA. Along the way, it has been the birthplace of the Texas revolution with the Battle of the Alamo in 1836, an important hub of the cattle industry in the late 1800’s, the temporary home of Teddy Roosevelt and his Rough Riders, the site of HemisFair, a world’s fair in 1968, and the home of bioscience and hi tech industry from the 1980’s.

Downtown, amid soaring modern office buildings, you’ll find the old Spanish Governor’s Palace has been preserved, as well as La Villita, the site of San Antonio’s original settlement, now a collection of artisans’ workshops, restaurants and historic houses. And in the heart of the city, 20 feet below street level, lies San Antonio’s most popular attraction, the River Walk. There, stretching for approximately two and a half miles along the tree-shaded banks of the San Antonio River, the diversity of cafes, shops, galleries and restaurants offer a sampling of San Antonio’s many cultures. And, there on the River Walk, and just across the street from the Alamo, is the San Antonio Hyatt, the site of IS&T’s Archiving Conference. We also have the good fortune to have our conference coincide with Fiesta San Antonio, a 10-day citywide celebration, which includes exciting carnivals, spectacular sports, fantastic fireworks, lively entertainment, ethnic feasts, art exhibits and sparkling parades that glide down San Antonio’s River Walk and streets.

Find out more about San Antonio at www.sanantoniocvb.com

IS&T Membership Information

The Society for Imaging Science and Technology is an international non-profit society whose goal is to keep members aware of the latest scientific and technological developments in the field of imaging through conferences, journals and other publications. We focus on imaging in all its aspects, with particular emphasis on silver halide, digital printing, electronic imaging, photofinishing, image preservation, image quality assessment, color imaging, pre-press technologies and hybrid imaging systems. Dues are \$90 domestic and \$100 outside the U.S. per year. **Apply for membership prior to registering for IS&T’s ARCHIVING Conference, and take the member rate for this meeting.** Benefits of membership include:

- Subscription to the *Journal of Imaging Science & Technology* or the *Journal of Electronic Imaging* (jointly published with SPIE).
 - Subscription to the *IS&T Reporter* — “*The Window on Imaging*” with its regular features on standards, new products, conference reports, Society news and other imaging news.
 - Reduced rates for IS&T publications — proceedings, books and your second Journal choice.
 - Reduced registration rates for all IS&T conferences and courses. (4-6 conferences each year on selected imaging technology topics.)
 - Access to the Member Only site at imaging.org, including the IS&T Membership Directory, subscription access to on-line IS&T published papers, and advanced search capabilities for papers.
- We invite you to join. Contact IS&T for an application today. 703-642-9090; Fax: 703-642-9094; E-mail: info@imaging.org.

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Call for Papers
ARCHIVING CONFERENCE

IS&T's ARCHIVING
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