The Venue

Library Archives of Canada, Ottawa, Canada

As the country's capital, Ottawa is best known as being home to the seat of federal government, but behind that facade lies an architecturally stunning city with a unique combination of urban and rural experiences. Ottawa is located in one of the most beautiful settings in the country with easy accessibility, a variety of meeting facilities, and an excellent tourism infrastructure. From cultural performances at the National Arts Centre to street performers in the Market, the ambiance in Ottawa is ever changing.

We invite you to bring your family along and make time for the more than three million tulips that will be in bloom in Spring—you may want to come a bit early to take advantage of the annual Tulip festival that ends on May 22nd or stay later to enjoy a long weekend in the city. For the adventurous, take time out to explore Ottawa's majestic wilderness. Cycle along the many recreational pathways or challenge the whitewater rapids of the Ottawa River. Other key destinations include the By Ward Market, Canada's oldest, continuously operating farmers' market; the Canadian Museum of Civilization; Sparks Street Mall, Canada's oldest pedestrian mall—perfect for shopping, strolling or taking a break in a café; the National Gallery of Canada; or the Casino Du Lac-Leamy, the region's most glamorous entertainment spot.
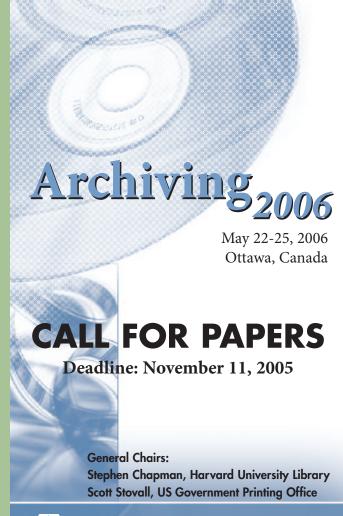
Getting There

Ottawa is easily accessible by air, rail, and highway. A new pre-clearance facility at the Ottawa International Airport makes travel to/from the United States and Europe easier and quicker. VIA Rail provides convenient daily train service to other major centers. Both the rail and bus terminals are located minutes from downtown.

The Ottawa International Airport is located south of the city, and is accessible via the Airport Parkway; bus and taxi services are available. Assistance to travelers is available at the airport's Travelers' Aid kiosk (613/248-2125). Trudeau International Airport in Montreal is another point of origin for international flights. Connecting flights and a two-hour bus shuttle to Ottawa are available. Ottawa is 55 minutes by air from Pearson International Airport in Toronto.

For more information on Ottawa visit www.ottawa.ca/index_en.html or www.ottawa-conventions.com/frm_about.html.

Archiving 2006

May 22-25, 2006
Ottawa, Canada

CALL FOR PAPERS

Deadline: November 11, 2005

General Chairs:
Stephen Chapman, Harvard University Library
Scott Stovall, US Government Printing Office

IS&T

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Society for Imaging Science and Technology

In cooperation with
ALA ALCTS Association for Library Collections and Technical Services
CNI Coalition for Networked Information
DLF Digital Library Federation
DPC Digital Preservation Coalition
ECPA European Commission on Preservation and Access
ISCC Inter-Society Color Council
MCN Museum Computer Network
OCLC Online Computer Library Center
RLG

The Conference

Images, documents, business and personal records, and many other works are increasingly easier to produce and increasingly more difficult to manage for the long term. Archiving items or collections of personal, cultural, financial, and legal value is daunting, particularly when archiving requires maintaining access to information content. Not only must today's electronic files be protected from obsolescence, but reliable, cost-effective strategies remain a high priority to preserve cultural works accumulated in previous decades and centuries. Archiving solutions will require collaboration among all stakeholders in preservation, working together to scope problems, define research agendas, develop standards, manufacture viable products and services, and advocate for funding, legislation, and policies.

The IS&T Archiving Conference provides a unique forum to assemble international experts from industry, government, cultural heritage institutions, universities, and research institutes to discuss the complex and diverse topics related to the theory and practice of archiving personal and institutional collections.

The Conference seeks to create a shared community of experts dedicated to addressing challenges of archiving; showcase proven theories, practices, systems, and workflows; identify high-velocity technology—or technology that is changing rapidly—and its impact upon information preservation; and prioritize the archiving challenges most in need of research, funding, standards, systems, and technologies. Techniques for producing, acquiring, preserving, indexing, and retrieving images and documents in both digital and human-readable formats are subjects that will be covered in detail. Of particular interest are industry perspectives of obsolescence, business, and cost models to sustain materials for the long term; formats for archiving; and solutions for content management, storage, and access.

The conference will include invited focal papers, refereed papers, and a series of tutorials to cover the technical basics of archiving. Special keynote presentations are also planned.

Submission Procedures

Prospective authors are invited to submit original papers for presentation in any of the technical areas listed under the "proposed program topics" section of this brochure. To ensure that the conference provides significant and timely information to its participants, all submitted papers will be refereed by the technical committee. 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 or interactive (poster) presentation. Oral and interactive presentations are considered of equal importance and merit, and the author's preference for one or the other will be honored whenever possible.

Those wishing to submit papers should visit www.imaging.org/conferences/archiving2006/ for details on the submissions process. While use of the Web-based submission process is recommended, submission may also be made via e-mail to archiving@imaging.org. Please put your last name "Archiving 2006 Submission" in the subject line.

Submissions must include:
- a 750 word abstract clearly identifing the technical content of the paper and (if necessary) what is new compared to previously presented or published material on the same topic
- a 50 word biographical sketch of the primary author
- mailing address, phone, fax, and e-mail for the primary author
- preferred format: oral, interactive, or either
- preferred session assignment (see major headings under proposed program topics)

The deadline for submission is November 11, 2005. Upon notice of acceptance, authors will be sent detailed instruction for submitting the full text of the paper for publication in the conference Proceedings, which will be distributed to each attendee at the meeting. A "transfer of copyright" form must be completed prior to publication. Pleae note that each author is responsible for obtaining appropriate clearances as necessary for presentation and publication of the work. Papers will be due by March 10, 2006.

Tutorials

A full tutorial program is scheduled for Monday, May 22, 2006. Proposals for tutorial classes are invited. For submission instructions, please contact Felecia Marsh (fmarsh@imaging.org) at IS&T.

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)
- JPEG2000
- Digital Imaging Architecture for Archiving
- Imaging and Image Management for Conservation Documentation

Proposed Progam Topics

File Formats for Digital Archiving
- Standards for formats, color and compression
  - JPEG 2000, METS, MPEG, PDF/A
- Containers and packaging
  - JPEG 2000, METS, PDF/A
- Production workflows
  - creating faithful reproductions
  - digitization systems and techniques
  - quality control methods and tools
  - acquisition and normalization of content
- Velocity and impacts

Electronic Archiving & Content Management
- Components and architecture
  - reference models (e.g., OAIS)
  - repositories
  - sustainability models (migration, emulation, virtual computing)
- Digital asset management
- Digital rights management and content authentication
- Preservation metadata
- Auditing and certification
- Economics
- Velocity and impacts

Storage Technologies
- Permanence and stability standards
- Media formats
- Data backup and recovery
- Software and hardware obsolescence
- Cost models
  - Object cost of storage vs. time
- Velocity and impacts

Archiving & Management of Non-Electronic Media
- Environmental control
- Permanence and stability
  - hardcopy permanence
  - film permanence
- Storage (enclosures, containers)
- Conservation techniques
- Indexing, search and retrieval
- Velocity and impacts

Electronic Access
- Indexing, search and retrieval
  - Taxonomies vs. text search (or structured vs. unstructured)
- Reference tools
- Velocity and impacts

Personal Photo Archives
- Challenge: saving pictures for a lifetime
- Indexing and organizing
- Standards for file and storage formats
  - electronic strategies
  - hybrid (analog/digital) strategies
- Economics
- Workflows, services, and tools
- Velocity and Impacts

Case Studies
- Digital archives
- Conservation treatment documentation
- Preservation of collections (all types, all organizations)
- Personal ("consumer") digital archives

The Society for Imaging Science and Technology (IS&T) is an international non-profit whose goal is to keep members aware of the latest scientific and technological developments in the field of imaging through conferences and publications. IS&T focuses on all the aspects of imaging, with particular emphasis on digital printing, electronic imaging, photofinishing, image preservation, image quality assessment, color imaging, pre-press technologies, and silver halide and hybrid imaging systems.

Yearly dues are $95 domestic/$105 outside the US. Members recieve significant savings on conference registration rates. To review the benefits and obtain an application visit www.imaging.org.

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