

The First ACM – IEEE



Final Program

General Information

Registration: Roanoke Foyer / North Entry

Sunday 7:30-21:00
Monday 7:30-20:00
Tuesday 7:30-17:30
Wednesday 7:30-17:30
Thursday 7:30-12:00

Conference Office: Bent Mountain Room

Sunday – Thursday, 8:00 – 18:00

Email / Net Access: Mill Mountain Room

Sunday – Thursday, 8:00 – 18:00

Help Desk: Roanoke Foyer / North Entry

Sunday – Thursday, 8:00 – 18:00

**Complimentary lunches for all registered participants
will be served daily in Roanoke Ballroom CDH.**

Complimentary continental breakfast, morning and afternoon coffee breaks will be served daily in the Crystal Foyer.

Program Note: The JCDL 2001 program includes both long and short papers. Long papers are assigned a 30 minute period; short papers (indicated by an asterisk preceding the title) a 15 minute period.

Sunday, June 24, 2001 – Tutorials and Side Trips

7:30-9:00

Complimentary Continental Breakfast for Registered Tutorial Participants in Crystal Foyer

8:00-17:00: Tutorials

Practical Digital Libraries Overview: Part 1 & 2 – Buck Mountain Room

Edward A. Fox (Department of Computer Science, Virginia Tech)

Evaluating, Using, and Publishing eBooks: Part 1 & 2 – Harrison/Tyler Room

Gene Golovchinsky (FX Palo Alto Laboratory)

Cathy Marshall (Microsoft)

Elli Mylonas (Scholarly Technology Group, Brown University)

Thesauri and Ontologies in Digital Libraries: Part 1 & 2 – Monroe Room

Dagobert Soergel (College of Information Studies, University of Maryland, College Park)

How to Build a Digital Library Using Open-Source Software – Wilson Room (morning)

Ian H. Witten (Department of Computer Science, University of Waikato)

Hands-On Workshop: Build Your Own Digital Library – Wilson Room (afternoon)

Ian H. Witten (Department of Computer Science, University of Waikato)

David Bainbridge (Department of Computer Science, University of Waikato)

Building Interoperable Digital Libraries: A Practical Guide to Creating Open Archives – Crystal Ballroom E

Hussein Suleman (Department of Computer Science, Virginia Tech)

12:00-13:00

Complimentary Lunch for Registered Tutorial Participants in Roanoke GH

Side Trips

Virginia Wine Tour 9:30-16:00: Bus leaves from Conference Center North Entrance

Bottom Creek Gorge Hike 10:00-16:00: Buses leave from Conference Center North Entrance

Sunday Evening, June 24, 2001 – Main Conference Opening

18:00-20:00

Opening Reception (Roanoke Ballroom AB): Virginia ham and assorted hors d'oeuvres;
music by *No Strings Attached*.

Welcome by Robert C. Bates, Dean of Arts and Science, Virginia Tech.

Monday, June 25, 2001 – Main Conference

7:30-9:00

Complimentary Continental Breakfast in Crystal Foyer Newcomers' Breakfast in Roanoke CD

Help yourselves to continental breakfast in the foyer and get together with other newcomers and friends.

Sessions 1 and 2: 9:00-10:30

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
	<p>Conference Opening (1): Welcome by Edward A. Fox, Conference Chair, and Christine Borgman, Program Chair</p> <p>Keynote Address (2): <i>Public Access to Digital Materials</i> Brewster Kahle (President, Alexa Internet; Director, Internet Archive) Introduction by Edward A. Fox</p>	

10:30-11:00

Break. Refreshments in Crystal Foyer.

Session 3: 11:00-12:30

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<p>Papers (3B): Digital Libraries for Education: Technology, Services, and User Studies</p> <p>Moderator: Dale Flecker (Harvard University)</p> <p><i>Linked Active Content: A Service for Digital Libraries for Education</i> David Yaron, D. Jeff Milton, Rebecca Freeland (Carnegie Mellon University)</p> <p><i>A Component Repository for Learning Objects: A Progress Report</i> Jean R. Laleuf, Anne Morgan Spalter (Brown University)</p> <p><i>Designing e-Books for Legal Research</i> Catherine C. Marshall, Morgan N. Price, Gene Golovchinsky, Bill N. Schilit (FX Palo Alto Laboratory)</p> <p>Honorable Mention, Vannevar Bush Award</p>	<p>Panel (3C): The Open Archives Initiative: Perspectives on Metadata Harvesting</p> <p>Moderator: James B. Lloyd (University of Tennessee)</p> <p>Panelists: Tim Cole (Chair, Library Information Technology Committee, University of Illinois, Urbana-Champaign) Caroline Arms (Library of Congress) Donald Waters (Mellon Foundation) Simeon Warner (Los Alamos National Laboratory) Jeffrey Young (OCLC)</p>	<p>Papers (3A): Methods for Classifying and Organizing Content in Digital Libraries</p> <p>Moderator: Jose Luis Borbinha (Biblioteca Nacional, Portugal)</p> <p><i>Integrating Automatic Genre Analysis into Digital Libraries</i> Andreas Rauber, Alexander Mueller-Koegler (Vienna University of Technology)</p> <p><i>Text Categorization for Multi-page Documents: A Hybrid Naive Bayes HMM Approach</i> Paolo Frasconi, Giovanni Soda, Alessandro Vullo (University of Florence)</p> <p><i>*Automated Name Authority Control</i> James W. Warner, Elizabeth W. Brown (Johns Hopkins University)</p> <p><i>*Automatic Event Generation From Multilingual News Stories</i> Kin Hui, Wai Lam, Helen M. Meng (The Chinese University of Hong Kong)</p>

12:30-13:30

Complimentary Lunch for all Registered Attendees in Roanoke CDH.

Monday, Session 4: 13:30-15:00

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<p>Papers (4A): Approaches to Interoperability Among Digital Libraries</p> <p>Moderator: James Frew (University of California, Santa Barbara)</p> <p><i>*Mapping the Interoperability Landscape for Networked Information Retrieval</i> William E. Moen (University of North Texas)</p> <p><i>*Distributed Resource Discovery: Using Z39.50 to Build Cross-Domain Information Servers</i> Ray R. Larson (University of California, Berkeley)</p> <p><i>The Open Archives Initiative</i> Carl Lagoze, Herbert Van de Sompel (Cornell University)</p> <p><i>*Enforcing Interoperability with the Open Archives Initiative Repository Explorer</i> Hussein Suleman (Virginia Tech)</p> <p><i>*Arc-An OAI Service Provider for Cross-Archive Searching</i> Xiaoming Liu, Kurt Maly, Mohammad Zubair, Michael L. Nelson (Old Dominion University)</p>	<p>Panel (4C): Different Cultures Meet – Lessons Learned in Global Digital Library Development</p> <p>Moderator: Ching-chih Chen (Professor, Graduate School of Library and Information Science, Simmons College)</p> <p>Panelists: Hsueh-hua Chen (Chair, Department of Library and Information Science, National Taiwan University) Wen Gao (Deputy President, Graduate Schools, Chinese Academy of Sciences, Beijing) Von-Wun Soo (Professor of Computer Science, National Tsinghua University, Taipei) Li-Zhu Zhou (Chair, Department of Computer Science, Tsinghua University, Beijing)</p>	<p>Papers (4B): Digital Libraries and the Web: Technology and Trust</p> <p>Moderator: Jonathan Furner (University of California, Los Angeles)</p> <p><i>Managing Change on the Web</i> Luis Francisco-Revilla, Frank Shipman, Richard Furuta, Unmil Karadkar, Avital Arora (Texas A&M University)</p> <p><i>*Measuring the Reputation of Web Sites: A Preliminary Exploration</i> Greg Keast, Joan Cherry, Elaine G. Toms (University of Toronto)</p> <p><i>Personalized Spiders for Web Search and Analysis</i> Michael Chau, Daniel Zeng, Hsinchun Chen (University of Arizona, Tucson)</p> <p><i>*Salticus: Guided Crawling for Personal Digital Libraries</i> Robin Burke (California State University, Fullerton)</p>

15:00-15:30

Break. Refreshments in Crystal Foyer.

Session 5: 15:30-17:00

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<p>Papers (5A): Tools for Constructing and Using Digital Libraries</p> <p>Moderator: Hsinchun Chen (University of Arizona, Tucson)</p> <p><i>Power to the People: End-User Building of Digital Library Collections</i> Ian H. Witten, David Bainbridge, Stefan J. Boddie (University of Waikato)</p> <p><i>*Web-Based Scholarship: Annotating the Digital Library</i> Bruce Rosenstock, Michael Gertz (University of California, Davis)</p> <p><i>A Multi-View Intelligent Editor for Digital Video Libraries</i> Brad A. Myers, Juan P. Casares, Scott Stevens, Laura Dabbish, Dan Yocum, Albert Corbett (Carnegie Mellon University)</p> <p><i>*VideoGraph: A New Tool for Video Mining and Classification</i> Jia-Yu Pan, Christos Faloutsos (Carnegie Mellon University)</p>	<p>Panel (5C): Digital Library Collaborations in a World Community</p> <p>Moderator: David Fulker (Unidata Program Center)</p> <p>Panelists: Sharon Dawes (SUNY Albany) Leonid Kalinichenko (Institute of Informatics Problems, Russian Academy of Science, Moscow State University) Tamara Sumner (Center for LifeLong Learning and Design, Dept. of Computer Science and the Institute of Cognitive Science, University of Colorado) Constantino Thanos (DELOS Director, Consiglio Nazionale delle Ricerche, Istituto di Elaborazione della Informazione) Alex Ushakov (ChemQuest Project, Department of Chemistry and Biochemistry, University of Northern Colorado)</p>	<p>Papers (5B): Systems Design and Evaluation for Undergraduate Learning Environments</p> <p>Moderator: Traugott Koch (Lund University & Technical Knowledge Center of Denmark)</p> <p><i>*The Alexandria Digital Earth Prototype System</i> Terence R. Smith, Greg Janec, James Frew, Anita Coleman (University of California, Santa Barbara)</p> <p><i>*Iscares: Digital Libraries Environments for the Promotion of Scientific Thinking by Undergraduates in Geography</i> Anne J. Gilliland-Swetland, Gregory H. Leazer (University of California, Los Angeles)</p> <p><i>*Project ANGEL: An Open Virtual Learning Environment with Sophisticated Access Management</i> John MacColl (University of Edinburgh)</p> <p><i>*NBDL: A CIS Framework for NSDL</i> Joe Futrelle, C. Kevin Chang (University of Illinois, Urbana-Champaign) Su-Shing Chen (University of Missouri, Columbia)</p> <p><i>Automatic Identification and Organization of Index Terms for Interactive Browsing</i> Nina Wacholder, David K. Evans, Judith L. Klavans (Columbia University)</p>

Monday 19:00-21:00

Poster and Demo Session and Reception (Conference Center Foyer); Pasta bar and assorted hors d'oeuvres.

Demonstrations	Posters
<p><i>Content Management for Digital Museum Exhibitions</i> Jen-Shin Hong, Bai-Hsuen Chen, Jieh Hsiang (National Chi-Nan University) Tien-Yu Shu (National Museum of Natural Science)</p>	<p><i>An Atmospheric Visualization Collection for the NSDL</i> Keith Andrew (Eastern Illinois University) Christopher Klaus (Argonne National Laboratory) Gerald Mace (University of Utah)</p>
<p><i>Demonstration of Hierarchical Document Clustering of Digital Library Retrieval Results</i> Christopher R. Palmer, Jerome Pesenti, Raul E. Valdes-Perez, Michael G. Christel, Alex G. Hauptmann, Dorbin Ng, and Howard D. Wactlar (Carnegie Mellon University)</p>	<p><i>Breaking the Metadata Generation Bottleneck: Preliminary Findings</i> Elizabeth D. Liddy (School of Information Studies, Syracuse University) Stuart Sutton (School of Library & Information Science, University of Washington) Woojin Paik (solutions-united.com, Syracuse, NY) Eileen Allen (School of Information Studies, Syracuse University) Sarah Harwell (solutions-united.com, Syracuse, NY) Michelle Monsour (School of Information Studies, Syracuse University) Anne Turner (School of Library & Information Science, University of Washington) Jennifer Liddy (School of Information Studies, Syracuse University)</p>
<p><i>Indiana University Digital Music Library Project</i> Jon W. Dunn, Eric J. Isaacson (Indiana University, Bloomington)</p>	<p><i>Building the Physical Sciences Information Infrastructure, A Phased Approach</i> Judy C. Gilmore, Valerie S. Allen (U.S. Department of Energy)</p>
<p><i>Interactive Visualization of Video Metadata</i> Mark Derthick (Carnegie Mellon University)</p>	<p><i>Development of an Earth Environmental Digital Library System for Soil and Land-Atmospheric Data</i> Eiji Ikoma, Taikan Oki, Masaru Kitsuregawa (Institute of Industrial Science, Univ. of Tokyo)</p>
<p><i>PERSIVAL: Categorizing Hidden-Web Resources</i> Panagiotis G. Ipeiritos, Luis Gravano (Columbia University) Mehran Sahami (E.piphany, Inc.)</p>	<p><i>Digital Facsimile Editions and On-Line Editing</i> Harry Plantinga (Computer Science, Calvin College)</p> <p><i>Dspace at MIT: Meeting the Challenges</i> Michael Bass (Hewlett-Packard) Margret Branschofsky (Faculty Liaison, MIT)</p>
<p><i>PERSIVAL; Personalized Search and Summarization over Multimedia Health-care Information</i> Noemie Elhadad, Min-Yen Kan, Simon Lok and Smaranda Muresan (Columbia University)</p>	<p><i>Exploiting Image Semantics for Picture Libraries</i> Kobus Barbard, David Forsyth (University of California at Berkeley)</p> <p><i>Feature Extraction for Content-Based Image Retrieval in DARWIN (Digital Analysis and Recognition of Whale Images on a Network)</i> Kelly R. Debure, Adam S. Russell (Eckerd College)</p>
<p><i>PERSIVAL: View Segmentation and Static/Dynamic Summary Generation for Echocardiogram Videos</i> Shahram Ebadollahi, Shih-Fu Chang (Columbia University)</p>	<p><i>Guided Linking: Efficiently Making Image-to-Transcript Correspondence</i> Cheng Jiun Yuan, W. Brent Seales (University of Kentucky)</p> <p><i>Integrating Digital Libraries by CORBA, XML and Servlet</i> Wing Hang Cheung, Michael R. Lyu, Kam Wing Ng (The Chinese University of Hong Kong)</p>
<p><i>Stanford Encyclopedia of Philosophy: A Dynamic Reference Work</i> Edward N. Zalta, Uri Nodelman (Stanford University) Colin Allen (Texas A&M University)</p>	<p><i>A National Digital Library for Undergraduate Mathematics and Science Teacher Preparation and Professional Development</i> Kimberly S. Roempler (Eisenhower National Clearinghouse, The Ohio State University)</p> <p><i>Print to Electronic: Measuring the Operational and Economic Implications of an Electronic Journal Collection</i> Carol Montgomery, Linda Marion (Hagerty Library, Drexel University)</p>
<p><i>A System for Adding Content-Based Searching to a Traditional Music Library Catalogue Server</i> Matthew J. Dovey (Kings College, London)</p>	<p><i>Turbo Recognition: Decoding Page Layout</i> Taku A. Tokuyasu (University of California at Berkeley)</p>
<p><i>Using the Repository Explorer to Achieve OAI Protocol Compliance</i> Hussein Suleman (Virginia Tech)</p>	<p><i>Using Markov Models and Innovation-Diffusion as a Tool for Predicting Digital Library Access and Distribution Rates</i> Bruce R. Barkstrom (NASA Langley Research Center)</p>
	<p><i>A Versatile Facsimile and Transcription Service for Manuscripts and Rare Old Books at the Miguel de Cervantes Digital Library</i> Alejandro Bia (Miguel de Cervantes Digital Library, University of Alicante, Spain)</p> <p><i>The Virtual Naval Hospital: The Digital Library as Knowledge Management Tool for Nomadic Patrons</i> Michael P. D'Alessandro, Donna M. D'Alessandro, Mary J. C. Hendrix (University of Iowa) Richard S. Bakalar (Naval Medical Information Management Center) Denis E. Ashley (US Navy Bureau of Medicine and Surgery)</p>

Tuesday, June 26, 2001 – Main Conference

7:30-9:00

Complimentary Continental Breakfast in Crystal Foyer

Session 6: 9:00-10:30

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<p>Panel (6C): A Digital Strategy for the Library of Congress: Discussion of the LC21 Report and the Role of the Digital Library Community</p> <p>Moderator: Alan Inouye (Computer Science and Telecommunications Board, National Academy of Sciences)</p> <p>Panelists: Dale Flecker (Associate Director of Planning and Systems, Harvard University Library) Margaret Hedstrom (Associate Professor, School of Information, University of Michigan.) David Levy, Professor (Information School, University of Washington)</p>	<p>Papers (6A): Studying the Users of Digital Libraries: Formative and Summative Evaluations</p> <p>Moderator: John Ober (California Digital Library)</p> <p><i>Public Use of Digital Community Information Systems: Findings from a Recent Study with Implications for System Design</i> Karen E. Pettigrew (University of Washington, Seattle) Joan C. Durrance (University of Michigan, Ann Arbor)</p> <p><i>*Evaluating the Distributed National Electronic Resource</i> Peter Brophy, Shelagh Fisher (The Manchester Metropolitan University)</p> <p><i>*Collaborative Design with Use Case Scenarios</i> Lynne Davis (University Corporation for Atmospheric Research) Melissa Dawe (University of Colorado, Boulder)</p> <p><i>Human Evaluation of Kea, an Automatic Keyphrasing System</i> Steve Jones, Gordon W. Paynter (University of Waikato)</p>	<p>Papers (6B): Digital Library Collections: Policies and Practices</p> <p>Moderator: William Arms (Cornell University)</p> <p><i>Community Design of DLESE's Collections Review Policy: A Technological Frames Analysis</i> Michael Khoo (University of Colorado, Boulder)</p> <p><i>Legal Deposit of Digital Publications: A Review of Research and Development Activity</i> Adrienne Muir (Loughborough University)</p> <p><i>*Comprehensive Access to Printed Materials (CAPM)</i> G. Sayeed Choudhury, Mark Lorie, Erin Fitzpatrick, Ben Hobbs, Greg Chirikjian, Allison Okamura (Johns Hopkins University) Nick Flores (University of Colorado, Boulder)</p> <p><i>*Technology and Values: Lessons from Central and Eastern Europe</i> Nadia Caidi (University of Toronto)</p>

10:30-11:00

Break. Refreshments in Crystal Foyer.

Session 7: 11:00-12:30

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<p>Panel (7C): The President's Information Technology Advisory Committee's February 2001 Digital Libraries Report and Its Impact</p> <p>Moderator: Sally E. Howe (National Coordination Office for Information Technology Research & Development)</p> <p>Panelists: David Nagel (President AT&T Labs, Chair PITAC Digital Library Panel) Ching-chih Chen (Professor, Graduate School of Library and Information Science, Simmons College, and PITAC) Stephen M. Griffin (NSF, Digital Libraries Initiative)</p> <p style="text-align: center;">[CONTINUED ON NEXT PAGE]</p>	<p>Papers (7A): Studying the Users of Digital Libraries: Qualitative Approaches</p> <p>Moderator: Cliff McKnight (Loughborough University, United Kingdom)</p> <p><i>Use of Multiple Digital Libraries: A Case Study</i> Ann Blandford, Hanna Stelmaszewska (Middlesex University) Nick Bryan-Kinns (Icon MediaLab London)</p> <p><i>An Ethnographic Study of Technical Support Workers: Why We Didn't Build a Tech Support Digital Library</i> Sally Jo Cunningham, Chris Knowles (University of Waikato) Nina Reeves (Cheltenham and Gloucestershire College of Higher Education)</p> <p style="text-align: center;">[CONTINUED ON NEXT PAGE]</p>	<p>Papers (7B): Techniques for Managing Distributed Collections</p> <p>Moderator: Ray Larson (University of California, Berkeley)</p> <p><i>*Overview of the Virtual Data Center Project and Software</i> Micah Altman, L. Andreev, M. Diggory, G. King, E. Kolster, A. Sone, S. Verba (Harvard University) D.L. Kiskis, M. Krott (University of Michigan, Ann Arbor)</p> <p><i>*Digital Libraries and Data Scholarship</i> Bruce R. Barkstrom (NASA Langley Research Center)</p> <p style="text-align: center;">[CONTINUED ON NEXT PAGE]</p>

Tuesday, Session 7: 11:00-12:30

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<i>[CONTINUED]</i>	<i>[CONTINUED]</i>	<i>[CONTINUED]</i>
James H. Lightbourne (National SMETE Digital Library (NSDL) Program, National Science Foundation) Walter L. Warnick (Department of Energy, Director Office of Scientific and Technical Information)	<i>*Developing Recommendation Services for a Digital Library with Uncertain and Changing Data</i> Gary Geisler (University of North Carolina, Chapel Hill) David McArthur, Sarah Giersch (Eduprise) <i>*Evaluation of DEFINDER: A System to Mine Definitions from Consumer-Oriented Medical Text</i> Judith L. Klavans, Smaranda Muresan (Columbia University)	<i>SDLIP + STARTS = SDARTS: A Protocol and Toolkit for Metasearching</i> Noah Green, Panagiotis G. Ipeirotis, Luis Gravano (Columbia University) <i>Database Selection for Processing k Nearest Neighbors Queries in Distributed Environments</i> Clement Yu, Prasoon Sharma, Yan Qin (University of Illinois, Chicago) Weiyi Meng (State University of New York, Binghamton)

12:30-13:30

Complimentary Lunch for all Registered Attendees in Roanoke CDH.

Session 8: 13:30-15:30

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
Panel (8C): The National SMETE Digital Library Program Moderator: Brandon Muramatsu (SMETE.ORG Project Director, University of California at Berkeley) Panelists: James H. Lightbourne (National SMETE Digital Library (NSDL) Program, National Science Foundation) Cathryn A. Manduca (University Corporation for Atmospheric Research) Marcia Mardis (Merit Networks, TeacherLib NSDL Project) Flora P. McMartin (University of California at Berkeley)	Papers (8A): The Sound of Digital Libraries: Audio, Music, and Speech Moderator: Edie Rasmussen (University of Pittsburgh) <i>Building Searchable Collections of Enterprise Speech Data</i> James W. Cooper, Mahesh Viswanathan (IBM T J Watson Research Center) Donna Byron (University of Rochester) Margaret Chan (Columbia University) <i>*Transcript-Free Search of Audio Archives at the National Gallery of the Spoken Word</i> J.H.L. Hansen (University of Colorado, Boulder) J.R. Deller, Jr., M.S. Seadle (Michigan State University, East Lansing) <i>*Audio Watermarking Techniques for the National Gallery of the Spoken Word</i> J.R. Deller, Jr., A. Gurijala, M.S. Seadle (Michigan State University, East Lansing) <i>Music-Notation Searching and Digital Libraries</i> Donald Byrd (University of Massachusetts, Amherst) <i>*Feature Selection for Automatic Classification of Musical Instrument Sounds</i> Mingchun Liu, Chunru Wan (Nanyang Technological University) <i>*Adding Content-Based Searching to a Traditional Music Library Catalogue Server</i> Matthew J. Dovey (Kings College, London)	Papers (8B): Information Search and Retrieval in Digital Libraries Moderator: Nicholas Belkin (Rutgers University) <i>*Locating Question Difficulty through Explorations in Question Space</i> Terry Sullivan (University of North Texas) <i>*Browsing by Phrases: Terminological Information in Interactive Multilingual Text Retrieval</i> Anselmo Peñas, Julio Gonzalo, Felisa Verdejo (Universidad Nacional de Educación a Distancia) <i>*Approximate Ad-hoc Query Engine for Simulation Data</i> Ghaleb Abdulla, Chuck Baldwin, Terence Critchlow, Roy Kamimura, Ida Lozares, Ron Musick, Nu Ai Tang (Lawrence Livermore National Laboratory) Byung S. Lee, Robert Snapp (University of Vermont, Burlington) <i>*Extracting Taxonomic Relationships from On-Line Definitional Sources Using LEXING</i> Judith Klavans, Brian Whitman (Columbia University) <i>Hierarchical Indexing and Document Matching in BoW</i> Maayan Geffet, Dror G. Feitelson (The Hebrew University) <i>Scalable Integrated Region-based Image Retrieval using IRM and Statistical Clustering</i> James Z. Wang (Pennsylvania State University and Stanford University) Yanping Du (Pennsylvania State University)

Tuesday 15:30-16:00
Break. Refreshments in Crystal Foyer.

Session 9: 16:00-17:00

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
	<p>Keynote Address: <i>Digital Rights Management: What Does This Mean For Libraries?</i> Pamela Samuelson (Professor of Information Management and of Law, University of California at Berkeley) Introduction by Christine L. Borgman (UCLA)</p>	

18:00-22:00

Banquet and Reception at Virginia Museum of Transportation: Buffet dinner with Virginia wine bar; music by *The Celtibillies*. Presentation of Vannevar Bush Award around 21:00. Buses leave from Hotel Roanoke main entrance beginning at 18:00, and will be available for transport and return throughout the evening.

Directions for walkers: VMT is about five blocks from HRCC. Take the pedestrian bridge over the railroad tracks, then face back across the tracks toward the HRCC. Between you and the tracks is the beginning of Roanoke's interpretive Railwalk. Follow the Railwalk west (left when facing the tracks) to Warehouse Row. Pass warehouses on their left side (away from tracks), continue along Warehouse Row through the parking lot, and pass under the 2nd Street bridge at the Mercury / Redstone rocket. The Virginia Museum of Transportation is the long low brick building directly in front of you. Pass left of the building; the main entrance is about half way down the building.

Wednesday, June 27, 2001 – Main Conference

7:30-9:00

Complimentary Continental Breakfast in Crystal Foyer

Session 10: 9:00-10:00

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
	<p>Keynote Address:</p> <p><i>Interoperability: The Still-Unfulfilled Promise of Networked Information</i></p> <p>Clifford Lynch (Executive Director, Coalition for Networked Information)</p> <p>Introduction by Erich J. Neuhold (GMD-IPSI)</p>	

10:00-10:30

Break. Refreshments in Crystal Foyer.

Session 11: 10:30-12:30

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<p>Panel (11C): High Tech or High Touch: Automation and Human Mediation in Libraries</p> <p>Moderator: David Levy (Professor, Information School, University of Washington)</p> <p>Panelists:</p> <p>William Arms (Cornell University)</p> <p>Oren Etzioni (Associate Professor, Department of Computer Science and Engineering, University of Washington)</p> <p>Diane Nester Kresh (Director Public Services Collections, Library of Congress)</p> <p>Barbara Tillett (Library of Congress)</p>	<p>Papers (11A): Digital Video Libraries: Design and Access</p> <p>Moderator: Neil Rowe (Naval Postgraduate School)</p> <p><i>Cumulating and Sharing End Users Knowledge to Improve Video Indexing in a Video Digital Library</i></p> <p>Marc Nanard, Jocelyne Nanard (Laboratoire d'Informatique, de Robotique et de Microélectronique de Montpellier)</p> <p><i>XSLT for Tailored Access to a Digital Video Library</i></p> <p>Michael Christel, Bryan Maher, Andrew Begun (Carnegie Mellon University)</p> <p><i>Design of a Digital Library for Human Movement</i></p> <p>Jezekeil Ben-Arie, Purvin Pandit, ShyamSundar Rajaram (University of Illinois, Chicago)</p> <p><i>*A Bucket Architecture for the Open Video Project</i></p> <p>Michael L. Nelson (NASA Langley Research Center)</p> <p>Gary Marchionini, Gary Geisler, Meng Yang (University of North Carolina, Chapel Hill)</p> <p><i>*The Fischlár Digital Video System: A Digital Library of Broadcast TV Programmes</i></p> <p>A.F. Smeaton, N. Murphy, N.E. O'Connor, S. Marlow, H. Lee, K. McDonald, P. Browne, J. Ye (Dublin City University)</p>	<p>Papers (11B): Systems Design and Architecture for Digital Libraries</p> <p>Moderator: Robin Williams (IBM Almaden Research Center)</p> <p><i>Design Principles for the Information Architecture of a SMET Education Digital Library</i></p> <p>Andy Dong, Alice Agogino (University of California, Berkeley)</p> <p><i>Toward A Model of Self-Administering Data</i></p> <p>B. Hoon Kang, Robert Wilensky (University of California, Berkeley)</p> <p><i>PERSIVAL, a System for Personalized Search and Summarization over Multimedia Healthcare Information</i></p> <p>Kathleen R. McKeown, Shih-Fu Chang, James Cimino, Steven K. Feiner, Carol Friedman, Luis Gravano, Vasileios Hatzivassiloglou, Steven Johnson, Desmond A. Jordan, Judith L. Klavans, Vimla Patel, Simone Teufel (Columbia University)</p> <p>Andre Kushniruk (York University)</p> <p><i>*An Approach to Search for Digital Libraries</i></p> <p>Elaine G. Toms, Joan C. Bartlett (University of Toronto)</p> <p><i>*TilePic: A File Format for Tiled Hierarchical Data</i></p> <p>J. Anderson-Lee, R. Wilensky (University of California, Berkeley)</p>

Wednesday 12:30-13:30
Complimentary Lunch for all Registered Attendees in Roanoke CDH.

Session 12: 13:30-15:00

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<p>Panel (12C): Digital Libraries Supporting Digital Government</p> <p>Moderator: Gary Marchionini (Cary C. Boshamer Professor, School of Library and Information Science, University of North Carolina at Chapel Hill)</p> <p>Panelists: Lawrence E. Brandt (Program Manager for Digital Government Research, National Science Foundation) Hsinchun Chen (University of Arizona) Anne Craig (Illinois State Library) Judith Klavans (Columbia University)</p>	<p>Papers (12A): Digital Preservation: Technology, Economics, and Policy</p> <p>Moderator: Michael Seadle (Michigan State University, East Lansing)</p> <p><i>Long Term Preservation of Digital Information</i> Raymond A. Lorie (IBM Almaden Research Center)</p> <p><i>Creating Trading Networks of Digital Archives</i> Brian Cooper, Hector Garcia-Molina (Stanford University)</p> <p><i>Cost-driven Design for Archival Repositories</i> Arturo Crespo, Hector Garcia-Molina (Stanford University)</p>	<p>Papers (12B): Scholarly Communication and Digital Libraries</p> <p>Moderator: Marianne Afifi (University of Southern California)</p> <p><i>Hermes– A Notification Service for Digital Libraries</i> Daniel Faensen, Lukas Faulstich, Heinz Schweppe, Annika Hinze, Alexander Steidinger (Freie Universität Berlin)</p> <p><i>An Algorithm for Automated Rating of Reviewers</i> Tracy Riggs, Robert Wilensky (University of California, Berkeley)</p> <p><i>HeinOnline: An Online Archive of Law Journals</i> Richard J. Marisa (Cornell University)</p>

Wednesday 15:00-15:30
Break. Refreshments in Crystal Foyer.

Session 13: 15:30-17:00

Crystal Ballroom ABC	Roanoke Ballroom AB	Roanoke Ballroom EFG
<p>Panel (13C): Digital Music Libraries – Research and Development</p> <p>Moderator: Christine Brancolini (Director, Indiana University Digital Library Program)</p> <p>Panelists: David Bainbridge (University of Waikato) Mary Wallace Davidson (William and Gayle Cook Music Library, Indiana University) Andrew P. Dillon (School of Library and Information Science, Indiana University) Matthew Dovey (Libraries Automation Service, University of Oxford) Jon W. Dunn (Digital Library Program, Indiana University) Michael Fingerhut (Centre Pompidou) Ichiro Fujinaga (Peabody Conservatory of Music, Johns Hopkins University) Eric J. Isaacson (School of Music, Indiana University)</p>	<p>Papers (13B): Applications of Digital Libraries in the Humanities</p> <p>Moderator: Sally Howe (National Coordination Office for IT Research & Development)</p> <p><i>Building a Hypertextual Digital Library in the Humanities: A Case Study on London</i> Gregory Crane, David A. Smith, Clifford E. Wulfman (Tufts University)</p> <p>Winner, Vannevar Bush Award</p> <p><i>*Document Quality Indicators and Corpus Editions</i> Jeffrey A. Rydberg-Cox (University of Missouri, Kansas City)</p> <p>Anne Mahoney, Gregory R. Crane (Tufts University)</p> <p><i>Digital Atheneum: New Approaches for Preserving, Restoring, and Analyzing Damaged Manuscripts</i> Michael S. Brown, W. Brent Seales (University of Kentucky, Lexington)</p> <p><i>*Towards an Electronic Variorum Edition of Don Quixote</i> Richard Furuta, Shueh-Cheng Hu, Siddarth Kalasapur, Rajiv Kochumman, Eduardo Urbina, Ricardo Vivancos-Pérez (Texas A&M University)</p>	<p>Papers (13A): Designing Digital Libraries for Education: Technology, Services and User Studies</p> <p>Moderator: Joyce Ray (Institute of Museum and Library Services)</p> <p><i>Designing a Digital Library for Young Children: An Intergenerational Partnership</i> Allison Druin, Ben Bederson, Juan Pablo Hourcade, Lisa Sherman, Glenda Revelle, Michele Platner, Stacy Weng (University of Maryland, College Park)</p> <p><i>Dynamic Digital Libraries for Children</i> Yin Leng Theng, Norliza Mohd-Nasir, George Buchanan, Bob Fields, Harold Thimbleby (Middlesex University), Noel Cassidy (St. Albans School)</p> <p><i>Looking at Digital Library Usability from a Reuse Perspective</i> Tamara Sumner, Melissa Dawe (University of Colorado, Boulder)</p>

Thursday, June 28, 2001 – Workshops

7:30-9:00

Complimentary Continental Breakfast for Registered Workshop Participants in Crystal Foyer

8:00-17:00: Workshops

Visual Interfaces to Digital Libraries - Their Past, Present, and Future – Roanoke Ballroom B

Katy Börner (Assistant Professor, Information Science & Cognitive Science, Indiana University, SLIS)
Chaomei Chen (Reader, Department of Information Systems and Computing; Director, The VIVID Research Centre, Brunel University)

The Technology of Browsing Applications – Roanoke Ballroom GH

Nina Wacholder (Center for Research on Information Access, Columbia University)
Craig Nevill Manning (Computer Science, Rutgers University)

Classification Crosswalks: Bringing Communities Together – Roanoke Ballroom EF

Gail Hodge (Information International Associates, Inc./National Biological Information Infrastructure)
Paul Thompson (West Group)
Diane Vizine-Goetz (Senior Research Scientist, OCLC Office of Research)
Marcia Lei Zeng (Associate Professor, School of Library and Information Science, Kent State University)

12:00-13:00

**Complimentary Lunch for Registered Workshop Participants in Roanoke D.
Box Lunches for “The Technology of Browsing Applications” will be delivered to Roanoke GH.**

Participants in the IMLS and NSF DLI2 Workshops, please pick up separate schedules when you register.

Emergency Contact Information

**Most conference personnel can be found at the
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