Preliminary Program

Multimedia computing promises to change the way we manage all types of information. If you manage information resources for libraries, education and training, architecture, museums, entertainment, publishing, or scientific organizations, you should attend this conference!

Microsoft chairman Bill Gates says that multimedia will be broadly used in these areas.

- Enhancing Productivity Software
- Presenting Business Information
- Providing Education and Training
- Providing Consumer Information

Other key areas for application include:

- Online help systems
- Indexing music and musical scores
- Environmental monitoring
- Documentation and preservation of photographs
- Indexing objects and artifacts
- Unconventional interfaces for the physically disabled

Technology and the Wandering Scholar
Horace Fiatt, Director, IBM Science Center

Recombinant Multimedia
Steve Cisler, Apple Computer

Information at Your Fingertips
Alan Paller, AUI Data Graphics

“I go to other meetings to speak, I come to ASIS meetings to listen.”
Patricia Earnest, Technical Services Manager, Anaheim Public Library
ASIS 1991 Mid-Year Meeting
April 26–29, 1991
Santa Clara, California

Moderator: Prudence Dalrymple,
University of Illinois
Esther Horne, University of North
Texas
Robert Skovira, Robert Morris College
Jay Wilkerson, Indiana University

"Multimedia" brings images to mind, but not necessarily the same images for all people. Varying contextual blinders limit the understanding of possibilities available. Speakers will discuss multimedia and various definitions from the perspectives of business, libraries, and education.

1:30 p.m.–3:00 p.m.

Demonstration
HyperEdition: An Exploration of Implementing Critical Editions in Hypermedia
Peter Jorgensen, Colgate University

A multimedia exploration of "der Rosenkavalier" incorporating images of original manuscripts and scores, text at various stages of development, pictures upon which set and costume designs were based, images of diary pages, and digitized audio.

3:15 p.m.–4:45 p.m.

Interaction with Multimedia Systems (SIG/HCI)
Moderator: Ray Larson, University of California, Berkeley
Marky Kay Duggan, University of California, Berkeley
Ching-chih Chen, Simmons College

This session will examine the use of multimedia techniques for catalogs of library materials such as slides and music recordings and museum objects. The panelists will describe existing multimedia catalogs that incorporate digitized images, music, and interactive video, address design and implementation issues, and discuss techniques for user interaction.

3:15 p.m.–4:45 p.m.

What Makes Good

Multimedia Training? (SIG/MGT)
Moderator: Lorene Lingelbach, Berlex Laboratories

Designing a Circulation Training Program for NOTIS Staff using the KnowledgePro Hypertext/Expert System Program
Lloyd A. Davidson, Gilbert Krulee and Kevin Duca, Northwestern University (Project supported by the Council on Library Resources)

Managing Hypertext-based Interactive Video Instruction Systems
Bor-sheng Tsai, Christine Chamness and May Ying Chau, Wayne State University, Detroit MI.

Multimedia for Library Staff Training
Peter Stubble, Michael Leslie and Darren Umney, University of Sheffield

Can multimedia, interactive, self-paced training supplement human interaction effectively, saving time and resources leading to more productivity and efficiency? These case studies will examine these questions and more.

3:15 p.m.–4:45 p.m.

Information Use: Contributed Papers

Information Seeking Behavior During Decision Making: Influence of Cognitive Authority
Samia Benidir, University of California Berkeley

Copyright of Large Bibliographic Databases: Implication for International Information Flows
Jae Whoon Lee, University of California Los Angeles

The RightPages: An Image-Based Electronic Library Alerting and Distribution Service
Guy Story and Louise Schaper, AT&T Bell Laboratories, NJ

Monday, April 29, 1991
8:00 a.m.–9:00 a.m.

Contributed Paper

Heterogeneity in Information Systems: Design Implications
Edward Pai, UCLA

The factors of form, function and format heterogeneity affect the ways information can be organized at the physical, logical and user levels. System designers encounter these problems at each level of implementation. Research on decision support systems, database management systems, hypertext and libraries offers techniques to deal with these issues.

8:00 a.m.–9:00 a.m.

Objects and Toolkits: Contributed Papers

Providing Portable Multimedia Support through the Oracle Toolkit
Robert T. Nicholson, Multimedia Development, Oracle Corporation

An Object Storage Facility for the Hyperbook System
Walter W. Chang and Robert Nicholson, Oracle Corporation

How careful mapping of multimedia objects into persistent representations and the use of long field mechanisms can develop object storage technology to support the diverse requirements of multimedia information systems. Further, specific problems encountered in the design and implementation of a portable application program interface for implementing a graphical user interface across diverse systems will be described as well as how they were overcome.

8:00 a.m.–9:00 a.m.

Demonstration

Anglo-American Cataloguing Rules, Ch 21, Choices of Access Points: A Hypercard Implementation for Beginning Cataloguing Courses