



## AGENDA

### FALL 1993 MEETING OF THE TASK FORCE November 19-20, 1993

**Westfields International Conference Center  
14750 Conference Center Drive  
Chantilly, Virginia 22021  
voice: 703-818-0300  
fax: 703-818-3655**

### HIGHLIGHTS

#### Theme

- Optimizing Public and Private Interests.

#### Purposes

- To emphasize the need to develop network and networked information services and policies that leverage both public and private interests to the benefit of the Nation and its citizens.
- To focus attention on specific network and networked information policy developments and issues in which the interplay between public and private interests is of particular concern.
- To provide an environment in which people associated with the Coalition and its Task Force can share experiences, visions, and plans.
- To provide an opportunity for people associated with the Coalition and its Task Force to discuss network and networked information policy issues and initiatives.
- To provide an opportunity for representatives of members of the Coalition Task Force, leaders of the Coalition working groups, members of the Coalition Steering Committee, and the Coalition CEOs to identify needs, to formulate priorities, and to evaluate results.

#### Plenary Sessions

- The opening Friday afternoon session will explore the respective roles of government, not-for-profit, and for-profit sectors in optimizing public and private interests.
- The Saturday morning session will explore optimizing public and private interests in the management of intellectual property.
- The early Saturday afternoon session will report on the accomplishments and the priorities of the

**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

Coalition, and will present an overview of related activities and priorities of ARL, CAUSE, and EDUCOM.

- A closing Saturday afternoon session will explore optimizing public and private interests in the last mile of the network.

**Working Group Meetings, Project Briefings, Synergy Sessions**

- Small group briefings and discussions on/of projects, ideas, and issues related to Coalition themes and priorities in order to provide a forum for sharing information and for exploring perspectives.

**SCHEDULE FOR FRIDAY, NOVEMBER 19, 1993**

**12:00 pm Registration, Handouts, and Refreshments.....Rotunda**

Cold drinks and light refreshments will be available.

**1:00 pm Welcome and Overview .....Washingtonian Room**

Paul Evan Peters, Executive Director, Coalition for Networked Information, will call the Meeting to order and make opening remarks and announcements.

**1:15 pm Opening Plenary Session.....Washingtonian Room**

This session will explore the respective roles of government, not-for-profit, and for-profit sectors in optimizing public and private interests.

Linda Roberts, Director of Technology, Office of the Deputy Secretary, U.S. Department of Education

John Black, Chief Librarian, University of Guelph, and President, Association of Research Libraries

Charles Blunt, Associate Vice Chancellor for Information Technology Services, Central Administration, State University of New York

**3:00 pm Break .....Rotunda**

**3:15 pm Working Group Meetings, Project Briefings, and Synergy Sessions**

**Working Group on the Transformation of Scholarly Communication.....Madison**

Charles Henry, Library Director, Vassar College

Peter Lyman, University Librarian and Dean of Libraries, University of Southern California

**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

**Avra Michelson, Technical Staff, Workstation System Engineer Center, MITRE Corporation**

Coalition priorities and activities in the general areas of the genuinely innovative potential of the network medium for scholarly communication and publication and of the architectural requirements of collaborative, iterative, and derivative works and compound information objects that contain images, video, sound, executable algorithms, and associated datasets (in addition to traditional text) will be discussed. Particular attention will be paid to a major new initiative devoted to technology and the humanities (being formulated by Getty Art History Information Program through the Coalition), and to considerations for converting materials to electronic form.

**Working Group on Legislation, Codes, Policies, and Practices.....Jeffersonian VI**

**Richard G. Akeroyd, State Librarian, Connecticut State Library**

**Peter S. Graham, Associate University Librarian for Technical and Networked Information Services, Rutgers, University**

**Prudence Adler, Assistant Executive Director for Federal Relations, Association of Research Libraries**

Coalition priorities and activities in the general area of findings and agreements that frame and address the national, social, and behavioral issues arising from the use of networks for knowledge production, distribution, and utilization will be discussed. Particular attention will be paid to the National Information Infrastructure "agenda for action" promulgated by the Clinton Administration in September (suggesting points-of-departure for a limited-term, open discussion of this agenda using the cni-legislation Internet discussion forum), and to the principles articulated by the Telecommunications Policy Roundtable in October.

**TULIP (The University Licensing Program).....Jeffersonian I**

**Karen Hunter, Vice President and Assistant to the Chairman, Elsevier Science Publishers BV**

**Jaco Zijlstra, Project Manager, TULIP, Elsevier Science Publishers BV**

TULIP is a cooperative experiment involving nine universities and Elsevier Science Publishers. The project, which will last through 1995, tests the delivery of forty-three material science journals over the Internet and over local campus networks. An update on the current status of the project will be provided.

**Public Access to NASA Earth and**

**Space Science Data Over the Internet .....Jeffersonian II**

**Kathleen M. Eisenbeis, Visiting Scientist, Earth Sciences Program, Universities Space Research Association**

Part of NASA's Mission to Planet Earth program, the Earth Observing System (EOS) Program is building both a suite of satellites to collect data about the functions of the Earth, and an information and data system (EOSDIS) to collect, process, disseminate and store the data and research results. EOSDIS is NASA's contribution to the broader, government-wide initiative known as the Global Change Research Program. The EOSDIS data policies are based on principles of open access and affordable prices. NASA is preparing to fund a number of research projects that will

**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

provide broad public access to the data from EOS over the Internet. This session will provide an overview of the new NASA program with particular attention to the activity in digital libraries and the dissemination of EOS data to new user communities.

**Developments in Information Technology  
in Higher Education in the United Kingdom.....Jeffersonian III**

**Derek Law**, Director of Information Services, Kings College, London  
**Lynne Brindley**, Librarian and Director of Information Services, British Library of Political and Economic Science, London School of Economics  
**David Cook**, Joint Information Systems Committee, Higher Education Funding Council for England

The Higher Education Funding Councils for England, Scotland and Wales have set up a Joint Information Systems Committee (JISC) to coordinate information technology initiatives across the entire higher education spectrum. Its remit includes the Joint Academic Network (JANET), the SuperJANET project, and new technologies such as advanced parallel and multimedia systems. Derek Law is a member of JISC and chairman of the Information Systems Subcommittee which has particular responsibility for the provision of networked datasets and networked services. He will provide an overview of the JISC's current work and future proposals.

The JISC's remit originally included an initiative to assist in the delivery of a "virtual library" but this has now been overtaken by a wider review of library provision in higher education. This review considered three main areas: funding and resources; management; and information technology. Lynne Brindley chaired the group tasked with considering how developments in IT might hasten the development of the "virtual library." She will provide an overview of the recommendations formulated by the group.

**Willow: An X-Windows Interface  
for Information Retrieval Using Z39.50.....Jeffersonian IV**

**Matt Freedman**, Computing & Communications, University of Washington  
**Mark Kibbey**, Libraries, University of Washington  
**William Cattey**, Senior Analyst Programmer, MIT Information Systems

Willow is a general purpose retrieval tool that provides an easy to use graphical user interface to bibliographic and textual databases. The paradigm used for Willow's architecture is that of "database-drivers," modeled after the concept of Unix device drivers. With this model, Willow itself does not need to be changed for it to speak to a new search system. Instead a database-driver is written to act as an intermediary between Willow and the host/server.

Willow is the primary interface to the University of Washington on-line database collection (including the library catalog) and has been installed on a large scale since 1992. As of Fall 1993, there are approximately 250 public and staff X-Terminals using Willow at the UW Libraries. Also campus users with X capable desktop systems have Willow available.

A Z39.50 data base driver has been developed for Willow by MIT, allowing Willow to become a general purpose client for accessing any database conforming to the standardized database access protocol known as Z39.50. MIT intends to use Willow as the X client for its catalog and other

ARL / CAUSE / EDUCOM  
Coalition for Networked Information

AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993

---

bibliographic databases.

A general overview of the Willow technical architecture will be provided and a description of the experience deploying Willow in the UW libraries will be described. The document *WILLOW: Technical Overview* will also be distributed. MIT will describe its recent experience in developing and implementing Willow with a Z39.50 interface for its catalog.

Source code availability for both Willow and the Z39.50 driver will be announced.

**A Digital Library: Project JANUS.....Jeffersonian V**

Willem Scholten, Director of Computer Systems and Research, Columbia University School of Law

Project JANUS is Columbia Universities pilot project to establish a digital library. The discussion will cover the philosophy and prototype system as currently under development by Columbia University.

**4:00 pm Break .....Rotunda**

**4:15 pm Working Group Meetings, Project Briefings, and Synergy Sessions**

**Working Group on the Modernization of Scholarly Publication.....Jeffersonian VI**

Judith Turner, Director of Electronic Services, The Chronicle of Higher Education  
James F. Williams, II, Dean of Libraries, University of Colorado at Boulder

Coalition priorities and activities in the general area of the conversion of page-oriented publications from storage and transmission on paper to storage and transmission via networks will be discussed. Particular attention will be paid to recent efforts concerning advertising on the Internet, efforts that seek to better understand the types of advertising that are already being done on the Internet and to think today of the opportunities and challenges that advertising will present to the Internet community over the long run.

**Issues in the Ownership of Scholarly Communications.....Jeffersonian I**

Brian Kahin, Director, Information Infrastructure Project, Harvard University  
Ann Okerson, Director, Office of Scientific and Academic Publishing, Association of Research Libraries  
Bernard Rous, Associate Director of Publications, Association of Computing Information  
Ron Overman, Program Director, National Science Foundation

This session looks at current issues in the ownership of research reports, journal articles, and other forms of scholarly communication. It will review the draft principles of the Harvard Scholarly Communications Project, the initial work of the AAU Task Force on Intellectual Property, and related proposals and developments. It will survey current proposals for ownership and management models, consider the impact of networks, remote collaboration, and the growth of electronic publishing, and evaluate problems of implementation. This session will lay groundwork

**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

for the Saturday morning session on "precompetitive publishing." This session will continue until 6 pm.

**HELIOS: Heinz-Electronic-Interactive Online System .....Jeffersonian III**

**David A. Evans**, Director, Laboratory for Computational Linguistics, Carnegie Mellon University  
**Charles B. Lowry**, University Librarian, Carnegie Mellon University

Until recently, a proposal to convert any historical collection to digital form could not have been taken seriously. Due to the convergence of a number of new technologies, however, it is now possible to complete such a project successfully. The Senator H. John Heinz III Archives at Carnegie Mellon University Libraries provides an extraordinary opportunity. We believe it is possible to design and implement an electronic archive that will serve as a prototype for the archiving profession and archives everywhere. The information-technology infrastructure at Carnegie Mellon offers an unusually rich environment for HELIOS. CMU Libraries' Mercury/LIS Project has developed a state-of-the-art library system that emphasized the application of distributed computing, telecommunications, and the storage and display of full-text information across the campus network, both in bitmap and ASCII format. At the same time, CMU's Laboratory for computational Linguistics has developed Clarit, an advanced software technology based on natural-language processing techniques ideally suited for managing large bodies of full-text information. Clarit technology has demonstrated its effectiveness in comparisons to the best machine and human indexing system. The HELIOS Project will mobilize Mercury/LIS and Clarit resources in support of the traditional archiving function to respond to a number of critical problems: (1) High density 1200 DPI preservation storage experiment in cooperation with the Pittsburgh Supercomputing Center; (2) GUI design of specialized interfaces to support the work of the Archive including a scanning interface, archivist interface, and public interface; (3) Clarit NLP indexing of over one million documents; and (4) Internet access for scholars which is no longer place and time dependent.

**CICNet Electronic Journals Project: Preparing for the Deluge .....Jeffersonian IV**

**John L. Hankins**, Assistant Director, CICNet, Inc.  
**Sharon Hogan**, University Librarian, University of Illinois at Chicago

This project briefing will provide an overview of the CICNet Electronic Journals Project. This project, which houses the largest collection of freely distributed e-journals in the world, was begun over two years ago at the request of the CIC Library Collection Development Officers. Since that time, CICNet staff have "swept" the Internet for electronic journals covering a wide range of subjects and formats. In early 1993 the CIC library directors convened a Task Force on Electronic Collections to develop recommendations concerning the use of the CICNet e-journals collection and other networked electronic resources by the CIC libraries. The briefing will cover issues faced by CICNet in assembling the collection and recommendations of the Task Force on its use by the CIC libraries.

**Progress Toward Museum Information Interchange Standards .....Madison**

**David Bearman**, Archive and Museum Informatics  
**John Perkins**, CIMI Project Manager, Computer Interchange of Museum Information  
**James Michalko**, President, Research Libraries Group, Inc.

**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

This session will report on the recently published Standards Framework for the Computer Interchange of Museum Information and on the efforts being made by the museum community to organize a consortium of not-for-profit and for-profit organizations to pursue the development of application protocols to support a wide range of museum data interchange functions. The presentation will examine exchange functions ranging from exhibition loans and custom brokerage to networked hypermedia and remote conservation. The conceptual framework under which the museum community standards effort is being pursued is relevant to most higher education interchange issues and it is hoped that the session will not only excite interest in the museum developments but also lead to discussion of the viability of particular approaches and tactics.

**Electronic Communications from the White House..... Jeffersonian V**

Jonathon P. Gill, Special Projects, Office of Media Affairs, The White House

The Clinton Administration has provided leadership in networks and networked information through its statements on the National Information Infrastructure (NII), its support of citizen access to federal information in electronic form, and through the formation of the NII Task Force. How is the White House and the Clinton Administration using networks and networked information? What are they building and why? What efforts is the administration supporting in federal agencies? Current White House services and plans for the future will be highlighted.

**The Cowpokes and Indians:**

**A Metaphorical View of Computing Specialists and Librarians..... Jeffersonian II**

Willis M. Hubbard, College Librarian, Gettysburg College

This session explores the metaphor of cowpokes and Indians in reference to the cultures of computing specialists and librarians, and will look at the traditions and values of the cultures in an effort to better understand each other and to develop a closer team work not only between the cultures, but within the cultures themselves as each culture experiences increased internal strain. This session will open with brief introductory introductory remarks designed to promote provocative and humorous discussion amongst those in attendance. An effort is to be made not to type-cast professionals and to note variation within the cultures, such as cowpokes who work on ranches and those who ride with the cattle herds.

**5:00 pm Break .....Rotunda**

**5:15 pm Working Group Meetings, Project Briefings, and Synergy Sessions**

**Working Group Meeting on Management and Professional Development.....Madison**

Meredith Butler, Dean and Director of Libraries, State University of New York at Albany

Martha Fields, Director, Information Resource Management, State University System of Florida

Coalition priorities and activities in the general area of how to manage institutions and

**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

organizations that generate and use networked information resources and services, and how to educate professionals in such institutions and organizations, will be discussed. Particular attention will be paid to prospects and plans for a workshop on surfacing, managing, and leveraging cultural differences between information technologists and librarians, the briefing packet for formulating and addressing institutional and organizational issues arising from the emergence of a national networked information infrastructure and environment, a proposed multi-media professional development seminar on navigating tools and services, and formulating points-of-departure for an Internet discussion forum on assessment measures in the access, management, and delivery of networked information resources and services.

**Working Group Meeting on Directories and Resource Information Services.....Jeffersonian VI**

**George H. Brett, II**, Director, Clearinghouse for Information, Discovery & Retrieval Center for Communications

**Peggy Seiden**, Acting College Librarian, Skidmore College

Coalition priorities and activities in the general area of tools and services that facilitate navigation by network users, that develop the ability of network navigators, and that otherwise contribute to the organization and comprehension of networked information resources and services will be discussed. Particular attention will be paid to the ever expanding number of navigational tools and their relative strengths and weaknesses, the formulation of a white paper on authoritative sources of information and setting standards for such sources in the network, ongoing work on data elements for the description of networked information resources and services, and the status and future of the Coalition's TopNode Project.

**Issues in the Ownership of Scholarly Communications.....Jeffersonian I**

This session is a continuation of the session that began at 4:15 pm.

**The Rice Electronic Studio Project ..... Jeffersonian II**

**Beth Shapiro**, University Librarian, Rice University

**Kevin Brook Long**, Director of Technology Development and Acting Director of Computing Services, Rice University

Rice University is engaged in a collaborative project to develop multi-media educational tools that support the educational mission of the University. Called the Rice Electronic Studio Project, we utilize the Virtual Notebook System (VNS), a product of the Forefront Group, Inc. VNS is a multi-user network-based collaborative multi-media notebook product. Specific projects under development include notebooks on Michaelangelo, Galileo, the Gulf War, and architecture. The use of VNS allows us to foster collaborative work among students and between students and faculty while integrating text, images, audio and full-motion video. Faculty, computing professionals, and librarians are collaborative partners in this project.

**The Museum Informatics Project ..... Jeffersonian III**

**Thomas Duncan**, Faculty Assistant for Museum Informatics, University of California at Berkeley



**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

The Museum Informatics Project (MIP) is a collaborative effort at the University of California at Berkeley to coordinate the application of information technology in museums and other organized, non-book collections. The Museum Informatics Project is a department in Information Systems and Technology (IST) and works with approximately 80 museums and other collections in 65 administrative units of the campus. As one of a small number of universities holding a wide array of collections, spanning many disciplines and media, the campus is well-suited to undertake this project. MIP works with faculty, collections managers, and curators to develop data models, system architectures, and demonstration systems as bases for coordinated and integrated approaches to the application of information technology. Through these efforts, MIP expects to facilitate and broaden access to fundamental academic collections and resources by scholars, students, and the public. The goals of MIP are to provide ongoing strategic planning for museum informatics; develop and implement guidelines for data and information modeling, hardware, software, and networking options for deployment of electronic information systems in museums and collections; maintain an information clearinghouse about museum informatics issues, standards, and resources; evaluate, select, and implement or develop data access, analysis, and information management software tools for scholars; evaluate, select, and implement or develop curatorial and collection management software tools for curators; operate a demonstration and development facility containing leading-edge hardware, software, and networking tools relevant to museum informatics; obtain extramural funding for museum informatics and assist in the coordination of such efforts among museums and collections; and assist museums and collections in implementing solutions to existing collection information management problems. An overview of the project will be presented and progress toward meeting these goals will be discussed.

**Resource Sharing in an Electronic Environment:**

**North American Inter-Library Loan Document Delivery (NAILDD).....Jeffersonian IV**

**Shirley K. Baker, Dean of Libraries, Washington University at St. Louis**

**Nancy L. Eaton, Dean of Library Service, Iowa State University**

**Mary E. Jackson, ARL Visiting Program Officer, University of Pennsylvania**

**Patricia Harris, Executive Director, National Information Standards Organization**

In the environment of networked information, remote access, and desktop delivery, the NAILDD project seeks more effective user access to research resources. The NAILDD Project is an initiative of the Association of Research Libraries (ARL) undertaken in collaboration with over thirty key ILL/DD vendors and system suppliers. The session will focus on the scope and status of the work before the project's Developers/Implementors Group (DIG), including a report on the process set in motion to identify the standards required to achieve essential linkages between and among systems.

The NAILDD project promotes developments that provide for an interface among systems that allow a network user to: search a variety of local and remote library catalogs, citation databases, union catalogs, and other electronic sources of bibliographic resources; transfer a citation into an electronic request or order; pass a request or order through the local library online catalog to determine if the item is available locally or not; direct a request or order to one of a range of suppliers, including commercial document suppliers or a local or remote library ILL/DD department; communicate with the supplier (library or commercial) electronically; and, receive the book or full text or full image copies of non-returnable documents directly to her or his desktop workstation.

ARL / CAUSE / EDUCOM  
Coalition for Networked Information

AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993

---

**Community-wide Education and Information Services Initiative:  
Public Networking meets Public Broadcasting ..... Jeffersonian V**

Michael J. Strait, Project Officer for Research and Evaluation, Annenberg/CPB Project

The Corporation for Public Broadcasting is seeking to fund community networking project in which public radio and television stations are partners with educational and cultural institutions, local government, and other communications and community service organizations. The technology base for public telecommunications services of the future will include both broadcast and networked communication and information. The confluence of technologies is leading to a confluence of organizations in the commercial realm, and it invites a similar confluence among non-profit educational and public service organizations

6:00 pm Reception.....Rotunda and Westfields Lounge

Enjoy complimentary wine, beer, and soft drinks along with the company of your fellow Meeting participants. A cash bar will also be available.

7:00 pm Dinner .....Fairfax Room

A relaxed and elegant dinner is planned. Dinner will be available from 6:00 to 9:00 pm.

8:00 pm Video Screening .....Lincoln Forum

The Coalition has received a number of visionary, educational, and promotional videos that various institutions, organizations, and individuals submitted in response to a call that the Coalition issued in this regard. Each of these videos will be briefly screened in a setting that encourages thought about how video can be used to inform and educate various target populations about networks and networked information. This video screening is intended as a seriously entertaining event.

SCHEDULE FOR SATURDAY, NOVEMBER 20, 1993

7:00 am Registration.....Rotunda

7:00 am Breakfast .....Fairfax Room

A full breakfast buffet will be offered.

8:30 am Morning Plenary Session.....Washingtonian Room

This session will explore optimizing public and private interests in the management of intellectual

**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

property.

**Joseph L. Ebersole**, Attorney, Law Offices of Joseph L. Ebersole

**Laura N. Gassaway**, Director of the Law Library and Professor of Law, University of North Carolina, Chapel Hill

**Mary Beth Peters**, Policy Advisor to the Register of Copyrights, Copyright Office, Library of Congress

**Brian Kahin**, Director of the Information Infrastructure Project, John F. Kennedy School of Government, Harvard University

**10:00 am Break .....Rotunda**

**10:30 am Working Group Meetings, Project Briefings, and Synergy Sessions**

**Working Group Meeting on Teaching and Learning.....Jeffersonian VI**

**Art St. George**, Program Director, Applications of Advanced Technologies, National Science Foundation

**Susan Lane Perry**, Director, Departmental Systems Group, Stanford University

**Phillip Tompkins**, Director of Library Information Services, Estrella Mountain Community College

Coalition priorities and activities in the general area of promoting the use of networks by teaching and learning communities, the projection of networked information resources and services to such communities, and assisting and promoting efforts to educate users about networks and networked information resources and services will be discussed. Particular attention will be paid to lessons learned from the Coalition's periodic calls for project descriptions, recent and near future work on teaching faculty to use the Internet (including the possibility of a collaboration effort with the Association of College and Research Libraries), and prospects for a "boutique" conference next summer on integrating networking and networked information into undergraduate teaching and learning.

**Working Group Meeting on Architectures and Standards.....Jeffersonian II**

**Clifford A. Lynch**, Director, Library Automation, Office of the President, University of California

Coalition priorities and activities in the general area of concepts, models, and protocols that enable the interoperability of systems that provide networked information resources and services will be discussed. Particular attention will be paid to the growing number of vendors and platforms that support Z39.50 and to the work of the Internet Engineering Task Force (IETF) on developing a distributed architecture for concise resource identification, description, and location.

**Rights Electronic Access to & Delivery of Information (READI) Project.....Madison**

**Robert Ubell**, President, Robert Ubell Associates

**Mark Tesoriero**, Market Research Account Executive, Robert Ubell Associates

**ARL / CAUSE / EDUCOM  
Coalition for Networked Information**

**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

---

The goal of this session is to expand on prior READI research and provide direction toward the next phase: the development of a "guide" for buyers and sellers. Robert Ubell and Associates will run a test "focus group" of parties concerned with licenses and agreements between buyers and sellers of networked information. They will then identify several key paragraphs, using actual, signed agreements covering networked information and explore participants' reactions, reservations, and suggestions. In addition, nine critical questions will be identified and discussed as a possible preview to the upcoming document summarizing completed READI research. This session will continue until 12:15 pm.

**Precompetitive Electronic Publishing:**

**Reducing Costs, Reducing Risk, and Recovering Costs .....Jeffersonian I**

Brian Kahin, Director, Information Infrastructure Project, Harvard University  
Richard West, Associate Vice President, Information Systems, University of California  
James Michalko, President, Research Libraries Group, Inc.  
Janet Fisher, Journals Manager, MIT Press  
David Rodgers, American Mathematics Society

The deployment of computers and networks within higher education and research communities offers a variety of alternatives to conventional journal publication. This session will look at core financial, institutional, and legal issues in implementing network-based information-sharing. It will review the relevant draft principles of the Harvard Scholarly Communications Project, the work of the AAU Task on a National Strategy for Managing Scientific and Technical Information, and library, academic society, and university press perspectives on cooperative enterprise. Participants are urged to attend the Friday afternoon session on ownership of scholarly communications. This session will continue until 12:30 pm.

**Access to and Delivery of Theses and Dissertations and  
Networked Information Resources and Via Networked Information Services.....Jeffersonian III**

Steve Worona, Assistant Director, Communications Systems, Cornell University  
David Billick, Vice President, Acquisition and Imaging, UMI

For over a year, the Coalition has sponsored discussions to support projects that seek to improve access to and delivery of theses and dissertations as networked information resources. Test-bed efforts are in place or about to be launched, and the session will review initiatives at several sites including mounting a large set of bibliographic records accessible via WAIS/Gopher, capturing and transmission of bit-mapped page images, and the collection and distribution of theses in the emerging commercial portable document formats. Participants will review the status of various projects, describe near-term next steps, and summarize key pending issues. The pros and cons of the various document formats will be discussed.

**Electronic Journals on SuperJANET .....Jeffersonian IV**

Neil Smith, British Library  
David Pullinger, IOP Publishing Ltd.

Supported by funding from the British Library Research and Development Department, nine

ARL / CAUSE / EDUCOM  
Coalition for Networked Information

AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993

---

learned society and commercial publishers are collaborating to pioneer access to electronic journals on the United Kingdom high speed network, SuperJANET. The project is a practical demonstration of accessing journal articles over a Wide Area Network displaying colour and high resolution images, provides selection, searching, browsing and display through four software vendors' products: EBT's Dynatext, Oracle Book, AT&T's Right Pages and, from PIRA, the RACE Project's elepublishing software is a collaborative, pre-competitive, venture and demonstrator between nine publishers, the British Library and the SuperJANET network.

**Library Gophers..... Jeffersonian V**

**Arnold Hirshon, University Librarian, Wright State University**

As gophers become more mainstream, many libraries and computer centers are implementing gophers as front ends to their general information systems or as a means to collocate Internet resources for their users. This session will be a DISCUSSION (not a presentation) for participants who wish to share information about gophers that they have or are implementing at their own institutions. What works? What doesn't work? Which methods to organize menus seem to be most successful? To which information resources are libraries providing access? What are library users finding of value? What alternatives are people considering to provide access? What changes in technology would improve access where do we go from here.

**Digital Collections: The Next Steps for Research Libraries ..... Monroe**

**Peter Graham, Associate Librarian for Technical and Networked Information Services, Rutgers University Libraries**

**Czeslaw Jan Grycz, Office of the President, University of California**

Research libraries must take on the expensive, uncharted and difficult task of building electronic repositories which provide and preserve information for long periods of time on the human scale. An outline of necessary considerations will be presented, along with a brief discussion.

**11:15 am Break ..... Rotunda**

**11:30 am Working Group Meetings, Project Briefings, and Synergy Sessions**

**Working Group Meeting on Access to Public Information..... Jeffersonian VI**

**Barbara von Wahlde, Associate Vice President for University Libraries, State University of New York at Buffalo**

**John L. Hankins, Assistant Director, CICNet, Inc.**

**Prudence Adler, Assistant Executive Director for Federal Relations, Association Of research Libraries**

**Scott Armstrong, Executive Director, Information Trust**

Coalition priorities and activities in the general area of the use of networks to improve access to and delivery of public information at all levels of government and in all sectors of society will be discussed. Particular attention will be paid to the priority areas of the Coalition's Access to Public

ARL / CAUSE / EDUCOM  
Coalition for Networked Information

AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993

---

Information Program (APIP) in light of recent developments, bills before Congress that would have a major effect on the manner in which federal agencies disseminate information, and concerns about Executive Branch initiatives that proscribe access to federal information.

**Precompetitive Electronic Publishing.....Jeffersonian I**

Continuation of the session that began at 10:30 am.

**Rights Electronic Access to & Delivery of Information (READI) Project.....Madison**

Continuation of the session that began at 10:30 am.

**Access to and Delivery of Theses and Dissertations as  
Networked Information Resources and Via Networked Information Services..... Jeffersonian III**

Continuation of the session that began at 10:30 am.

**Electronic Reserves Copyright Implications..... Jeffersonian V**

Ron Naylor, Assistant Director for Systems and Technical Services, University of Miami  
Paul J. Kobulnicky, Acting Director, University Library System, University of Pittsburgh

Electronic technology allows the library to offer access to its collections from outside the library's walls. Reserve readings can be scanned into an electronic database and be retrieved by students from terminals in their dorms, homes, offices, and even the library. What are the copyright implications of providing electronic access? Where does "fair use" come in? What can librarians do to ensure that students can take advantage of these new means of access?

**NEEDS (A National Engineering Education Delivery System)..... Jeffersonian II**

David Martin, Professor Materials Science, Iowa State University  
John M. Saylor, Director, Engineering Library, Cornell University

NEEDS (A National Engineering Education Delivery System) is the courseware development and distribution system of the NSF funded Synthesis Coalition. It is designed to provide widespread, rapid, electronic access to a large number of instructional modules as well as individual courseware elements. The NEEDS database is built on the library access model in which a library catalog describes and points to files (elements and modules) on a distributed set of archive servers. The ability to directly retrieve a file is also built transparently into the catalog. We will describe how access to the system currently functions and discuss plans for the future evolution and funding of the system.

**Regulatory Issues for the NII..... Jeffersonian IV**

Miles R. Fidelman, Executive Director, The Center for Civic Networking

As data communications, telephone, cable, and computer technologies converge into the NII, and as major telecommunications carriers merge into new market-shaping organizations, there is a need for

**ARL / CAUSE / EDUCOM  
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**AGENDA  
Fall 1993 Meeting of the Task Force  
November 19-20, 1993**

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similar convergence of now-disparate regulatory regimes. It is expected that such a regulatory reform will be embodied in a major rewrite of the Communications Act of 1934. On November 19, The Center for Civic Networking, the Benton Foundation, and the Center for Policy Alternatives are hosting a meeting of state and local decision makers, grassroots practitioners, executive agency and congressional staff, experts in democratic theory, and public interest organizations to discuss telecommunications regulatory reform from a state and local perspective. In today's session, we will summarize the conclusions of our November 19 meeting, and engage in open discussion of how such key concepts as common carriage, universal service, PEG (public, education, government) support, etc. should be carried forward into a merged regulatory regime.

**12:15 pm    Lunch.....Fairfax Room**

A lunch buffet will be available.

**1:15 pm    Early Afternoon Plenary Session.....Washingtonian Room**

This session will report on the accomplishments and priorities of the Coalition, and will present an overview of related activities and priorities of ARL, CAUSE, and EDUCOM.

**William Y. Arms**, Vice President for Computing Services, Carnegie Mellon University  
**Robert Heterick**, President, EDUCOM  
**Jane Ryland**, President, CAUSE  
**Duane Webster**, Executive Director, Association of Research Libraries  
**Richard West**, Associate Vice President for Information Systems and Administrative Services,  
University of California, Office of the President

**2:00 pm    Closing Plenary..... Washingtonian Room**

The session will explore the optimization of public and private interests in the last mile of the Network.

**Charles M. Firestone**, Director, Communications and Society Program, The Aspen Institute  
**Marilyn Cade**, Director of Technology and Infrastructure, Federal Government Affairs, AT&T  
**Laura Breeden**, Executive Director, Federation of American Research Networks (FARNET)

**3:30 pm    Adjournment.....Washingtonian Room**

**Paul Evan Peters**, Executive Director, Coalition for Networked Information, will make closing remarks and announcements and adjourn the meeting.