

## MORENET

### TRACK:

Technical

### TITLE:

Integrating Interactive Educational Telecommunications: Two-Way I-TV and Internet.

### DESCRIPTION:

Educational telecommunications applications have developed in relatively isolated spheres. For example, Two-way Interactive Television, or I-TV, is an educational telecommunications that is used distance learning technology to provide two-way video and audio between multiple sites (I-TV is also known as full-presence videoconferencing). I-TV uses a variety of telecommunications mediums, including analog fiber, digital fiber (DS3, 45 mbps), coaxial cable, microwave radio, T1 copper (1.5 mbps), and other mediums. Simultaneously, Internet has become a popular education application that likewise requires high-speed telecommunications. Satellite and cable broadcasts are also employed by schools in Missouri. This situation has led to educational institutions having multiple, non-interconnected, telecommunications lines to send and receive information in the form of video, audio, and digital data.

This session will discuss the integration of telecommunications technologies that can provide video, audio, and data (Internet, facsimile, WAN, etc.) over one line or medium. Technologies such as ATM, ISDN, Analog Fiber, and hybrid networks will be discussed. In addition the presenters will discuss the local, state and federal impediments and incentives for the integration of these telecommunications technologies. Due to the technical nature of this session, several handouts will be provided, including:

An overview of the newly formed Missouri I-TV Information Alliance will conclude the session.

CONCURRENT SESSION SCHEDULE

MOREnet Spring Con '96

	Parliament I	Parliament II	Parliament III	Windsor I	Windsor II	Windsor III	Windsor IV	Polo Room
<b>MONDAY, MARCH 11</b>								
10:45 AM Concurrent Session 1	Panel - Macintosh Issues	John Dedrick - The Paperless Classroom	Paul Neff - Virtual Librarianship: Issues and Progress #	Randy Raw - Mail Servers	*Rita Gulstad - Internet Resources for Small Colleges #	*Anne Waters - Surfing with Assistance #	Bill Mitchell - What is MOREnet?	J. Scott Christianson - Integrating Interactive Educational Telecommunications
1:30 PM Concurrent Session 2	Kathleen Finegan - Tailoring the Internet: Identifying Course Specific Resources on the Net	David Finch - Delivering State Services via the Internet	+*Julie Brunner - Using the Internet in the Middle School Classroom	Richard Altheide - Introduction to ATM	*Sharon Bergman - Creating Your Own Home Page #	Giddings /Newton - TECHNIC & DESE	+Panel - Midwest Networking	Jim Laffey - Project MOST: Project-Based Learning and Computational Science
3:15 PM Concurrent Session 3	Lloyd Kinedinst - A Brief Biography of an Internet Traveler	Dan Swadley - Search Engines: Learning to Search #	Melissa Poole - Merging Technology with Pedagogy: the MUIIT Summer Institute #	Les Lynam - Z39.50 in HTML: Oh, What a Tangled Web We Weave	Bill Elder - Missouri Electronic Regional Profiles Project	Terry Showers - Establishing a WWW Presence: From Concept to Construction	Ben Colley - State of the State	Paul Hammann - UNIX Performance Tuning
<b>TUESDAY, MARCH 12</b>								
9:00 AM Concurrent Session 4	Denis Hancock - A WWW Interface to the Maize Genome Database #	Evelyn Cleveland - The Electronic Social & Economic Library: On-Line Missouri Databases	Jim Brown - Robots, Wanderers, Spiders, Engines, Indices and Their Use	Sheila Perry - You Won't Know Unless You Ask (Grant Writing)	Leigh Ann Grant-Engle - World Wide Web Projects Sponsored by DESE	Barry Kirk - Show-Me Synergy: The Dynamics of Successful Team Website Development #	Dick Kahoe - Integrating the World Wide Web & HyperStudio	+Panel - IBM/IBM Compatible Operating Systems
10:45 AM Concurrent Session 5	Robert Bender - The Web-Based Paperless Classroom #	Richard Altheide - Internetworking: Getting it Together	Mary Grigsby - An Introduction to GILS: The Government Information Locator Service	Rochelle Sadler - Enhancing Classroom Technology with TEAMS Distance Learning	+Panel - Students + Internet = Quality Research	James Huesmann - Leonardo in Cyberspace	Albert Foo - Web Applets: A Brief Look at Java and Shockwave	Robert Gill - Social Impacts of the Internet

# = Internet access needed \* = Requested specific time. + = Requested specific date

As of February 14, 1996 10:33 am

12:30-2

Thurs day

12-32

closing speaker

1-32