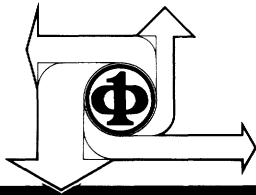


INNOVATION

Contact: **COMPCON Fall '82**
P.O. Box 639
Silver Spring, MD 20901
(301) 589-3386



compcon82
fall

Computer Networks & Computer Networks

An exciting COMPCON FALL '82 Conference on Computer Networking is planned for September 20-24, 1982 at the Capital Hilton, 16th & K Streets, Washington, D.C.

Sessions are organized by program chairmen who have multiple years of experience in their field.

There is still time remaining to submit papers (due April 1, 1982). Contact **Mr. Allan Weiss (914) 383-2000, COMPCON FALL '82**, P.O. Box 639, Silver Spring, MD

Outstanding paper awards will be made at the sessions.

GENERAL CHAIR: Dr. Harvey A. Freeman, Architecture Technology Corp.
PROGRAM CHAIR: Mr. Allan H. Weiss, IBM

Program Details

Organized Session 1—DISTRIBUTED COMPUTING, Organized by:
DR. RICHARD ECKHOUSE, Corporate Research Group at Dig. Equip. Corp.
DR. DAVID NELSON, founder and V.P., Systems Development, Apollo Computer, Inc.

The integration of local area networks, operating systems and new concepts in user interfaces is providing systems comprised of large collections of distributed work stations.

Organized Session 2—LOCAL AREA NETWORKS, Organized by:
GARY CHRISTENSEN, V.P. Development and a founder of Network Systems Corp.
PEGGY KARP, V.P. Market Development at AMDAX Corp.
TOM STACK, Director Advanced Technology for ConTel Info. Systems (formerly Network Analysis Corp.)

The first generation of technologies for Local Area Networks has been conceived, demonstrated and described. The question now is how to use these tools to build networks for the users needs.

Papers to be presented: Users experience with pilot installations; The User Environment Performance; Installation Planning; The Real Need for Standards, etc.

Organized Session 3—VALUE ADDED NETWORKS, Organized by:
DR. IRA COTTON, consultant with Booz, Allen & Hamilton, Inc.
JAMES VORHIES, the principal analyst on digital common carrier network protocol issues for the FCC.

The sessions will focus on the technology and communications services underlying Value Added Networks and explore the services they offer.

Organized Session 4—INTERNATIONAL SYSTEMS, Organized by:
DR. BARRY WESSLER, Vice President of Network Operations at GTE Telenet.

In contrast with the open competitive data communications marketplace being encouraged in the United States, the rest of the world is by-and-

large served by government owned, monopoly organizations. Proliferation of independent systems has been driving everyone toward ISDN—Integrated Service Digital Networks.

Organized Session 5—THE OUTSIDE WORLD, Organized by:
DR. CHARLES JACKSON, a principal in the consulting firm of Shooshan and Jackson, Inc., and is an adjunct professor of public policy at Duke University.
MR. ALLAN RUBENS, the head of the technical staff of the Merit Network which connects computing facilities at the four largest state universities in Michigan.

This track considers the wider world that surrounds each network beginning with the technical issues of terminal interfacing standards and ending up with the legal and regulatory environment.

The proposed Presentation Level Protocol and North American Standard for Videotex terminals; Address Space Management; Network Interconnection; the FCC's Computer II Decision; and The Congressional Rewrite of the Communications Act.

Panelists will include technical specialists familiar with the details of the latest systems.

Organized Session 6—NETWORK MANAGEMENT, Organized by:
DR. ALLAN SCHERR, Director of Communications and Applications Systems in the IBM Corporate Engineering Programming and Technology Staff. He is a senior member of the IEEE.
JEFFREY BARNETT, a Senior Programmer, advising IBM management on technology and architecture for internal Information Systems Networks.
DR. PER KULLSTAN, Operations Director at Computer Sciences Corporation.

A communications network is simply a means of providing connectivity between two or more parties to data processing. Availability and security are critical. Network management makes the difference between significant productivity gains and a waste of resources.

Main Sessions

7—CITY WIDE NETWORKS, Organized by:
RICHARD KOLM, presently a Data Systems Analyst with National Public Radio.
Distributed data to home-stated offices on a local scale will require innovative use of new and old technologies.

9—ORGANIZATION, MANAGEMENT AND BUSINESS, Organized by:
DR. CHARLES JACKSON, presently with Shooshan and Jackson, Inc.
Organizational issues for the future.

11—FUTURES, Organized by:
DR. DAVID NELSON, presently with Apollo Computer, Inc.
What is going to happen in the future?

8—NEW APPLICATIONS AND HOST INTERFACES, Organized by:
DR. DAVID NELSON, presently with Apollo Computer, Inc.
Applications and host interfaces.

10—TECHNOLOGY, Organized by:
DR. PAUL CHOW, the principal development of the Microsystem Development Laboratory, Bell Telephone Labs.
Technology trends in the marketplace and the implications of VLSI technology on networks.

Special Sessions 12—SPECIAL SESSIONS

VIDEO MAIL, ELECTRONIC MAIL, TELECONFERENCING, VIDEO TEXT Organized by **J. VORHIES**

UNIVERSITY NETWORKS, PLANNING NETWORKS, INTERNATIONAL NETWORKING Organized by **A. RUBENS, J. KLEINMAN, DR. RYOICHI MORI**