12th Conference On Local Computer Networks
October 5-7, 1987 Minneapolis, Minnesota

You are invited to attend

Tutorials - Paper Sessions - Panel Sessions - Discussions of Practical Experience

A Conference Specializing In

local networks

Program Includes:
Monday, October 5, 1987
7:30 a.m.-9:00 a.m. Registration
9:00 a.m.-5:00 p.m. Tutorial 1
"Open Systems Standards and Technology," Hal C. Foils, Omnicom, Inc.
9:00 a.m.-5:00 p.m. Tutorial 2
"Internetworking," Doug Jacobson & Jim Davis, Iowa State University
Tuesday, October 6, 1987
8:00 a.m.-9:30 a.m. Registration
9:30 a.m.-11:00 a.m. Keynote Session
"Digital's Strategic Network Vision," Robert Murray, Division Manager, Network and Communications Marketing, Digital Equipment Corporation
11:15 a.m.-12:15 p.m. Session 1 - FDDI: How and When to Plan for It
Chair: Larry Green - ACC
Panelists: Joseph Garodnick - Fibronics
Howard Salwen - Proteon
12:15 p.m.-1:30 p.m. Lunch
1:30 p.m.-3:00 p.m. Session 2 - Interconnecting I
"The Knockout Packet Switch: Principle and Performance," M. F. Karol & M. G. Hluchyj, AT&T Bell Laboratories
"Practical Considerations In Building Large Internetworks," E. Benhamou, V. Lefebvre, & V. Liu, Bridge Communications
3:30 p.m.-5:00 p.m. Session 3 - 2nd Generation LAN Issues
Chair: Harvey Freeman - Architecture Technology
Panelists: Mike Coker - Vitalink
Ed Cooper - Excelan
Bill Franta - Network Systems
Wayne Martson - TRW IND
Russ Scherer - CMC
5:30 p.m.-6:30 p.m. Cocktail Party
6:30 p.m.-9:00 p.m. Banquet
"The Future Impact of Networking as Seen Through the Conduct of History," Arthur L. Norberg, Director, The Charles Babbage Institute at the University of Minnesota
Wednesday, October 7, 1987
8:30 a.m.-10:15 a.m. Session 4a - Interconnecting II
"Interconnecting IEEE 802 LANs By a Wideband Backbone Network," Y. Ohtera, NEC Corporation
"Integrating Local Area Networks," S. T. Chanson & K. C. Chan, University of British Columbia
"Enhancing a Local Area Network For Internetworking," A. Yu, J. W. Atwood & T. Radhakrishnan, Concordia University
8:30 a.m.-10:15 a.m. Session 4b - Performance
"Ethernet Performance," K. Prasad & D. Singhal, University of Lowell
"A Performance Study Of An Ethernet-Based Image Transmission Protocol," S. E. Hauser & M. A. Crocker, National Institutes of Health
"Performance Analysis Of Hierarchical Ring Networks," K. Kant, Pennsylvania State University
"Architecture for Evaluating LAN Traffic and Performance," C. E. LaBarre & P. J. Brussel, MITRE Corporation
10:45 a.m.-12:15 p.m. Session 5a - Interconnecting III
"Pre-OSI Connectivity For PC LANs," D. F. Kornblum, Bell Communications Research
"Local Area Network For Space Station Applications," T. Chan P. Gonia, D. Myers, & B. Thurasigham, Honeywell
"Optical Interconnects: Upcoming LAN Technology," L. Green, Advanced Computer Communications
10:45 a.m.-12:15 p.m. Session 5b - Network Management
"Expert Systems For Local Computer Network Software Debugging," J. A. Barchanski, Brock University
"Distributed Print Management," B. Cummingskey, K. Lees & R. Strich, SSDS, Inc.
12:15 p.m.-1:30 p.m. Lunch
1:30 p.m.-3:00 p.m. Session 6 - Case Studies
"Communications between Local Area Networks and Mainframes In The Texas Department Of Human Services' Welnet Network," L. D. England, Texas Department of Human Services
3:30 p.m.-5:00 p.m. Session 7 - How To Really Wire Your Building
Chair: Stephanie Johnson, Experdata, Inc.
Panelists: John Ambler - Constel Business Networks
John Andrychowicz - AT&T
Doug Eliness - Mn/DOT
Jay Rao - McDonnel Douglas
Ron Schmidt - SynOptics

Sponsored by:
IEEE Computer Society
TC-Computer Communications

IEEE Computer Society
THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
PRE-REGISTER FOR THE
12th Conference on
Local Computer Networks
Conference Site - The Ritz Hotel
315 Nicollet Mall, Minneapolis, MN 55401

Tutorials:
"Open Systems Standards and Technology,"
Hal C. Foits, Omnicom, Inc.
"Internetworking," Doug Jacobson & Jim Davis,
Iowa State University

Keynote Address:
"Digital's Strategic Network Vision," Robert Murray,
Division Manager, Network and Communications
Marketing, Digital Equipment Corporation

Banquet Address:
"The Future Impact Of Networking as Seen Through
the Conduit of History," Arthur L. Norberg, Director,
The Charles Babbage Institute at the University of
Minnesota

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Registration Information
Pre-registration must be received on or before
Wednesday, September 30, 1987 - no exceptions:
We are not responsible for your delays, mail
delays, training department delays, etc.
Registration fee for conference (Oct. 6-7) provides
for conference proceedings, four refreshment
breaks, two luncheons, and the banquet. Tutorial
registration fee (Oct. 5) includes luncheon, tutorial
notes, and two refreshment breaks.

Make all checks payable to:
Conference on Local Computer Networks
Hotel - A block of rooms has been set aside at the
Ritz Hotel, 315 Nicollet Mall, Minneapolis, MN
55401; (612) 332-4000. Please Reference:
Twelfth Conference on Local Computer Networks

You are responsible for your own hotel reservations!

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<tr>
<th>Registration:</th>
<th>Conference</th>
<th>Tutorial 1</th>
<th>Tutorial 2</th>
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<td>Send registration and fee to: 12th Conference on Local Computer Networks</td>
<td>Students (include copy of '87 paid fee statement)</td>
<td>$100</td>
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Payable in U.S. Dollars

Name ____________________________
Organization ______________________
Address __________________________
Phone ____________________________
Zip _____________________________

Registrations received after September 30 will be returned without exception! Registration after September 30 will be handled on-site at the on-site rate of $225 for the conference and $170 for the tutorials for IEEE members and $280 for the conference and $215 for the tutorials for non-members. Register early!