Message from the General Chair
Message from the Program Chairs
Conference Committee
Moving Towards ATM: LAN/WAN Evolution and Experimentation at the University of Oregon

Deploying ATM in a Data Network: An Analysis of SVC Requirements
Priority-Based High-Speed Switch Scheduling for ATM Networks
A Fault-Tolerant Architecture for ATM Networks
Congestion Control of Multi-cast Connections in ATM Networks
The Software Structure of the Call Control for ATM Systems
An Efficient Terminal-Pair Reliability Algorithm for Network Management
Design of a VLSI Fuzzy Processor for ATM Traffic Sources Management
Performance of a Packet Switched WDM Network with Dynamic Wavelength Selection
Experimental Evaluation of Real-Time Support on the Mercuri Wide Area ATM Testbed

Optimal Multihop Routing: An Iterative Approach to TWDM Embedding
Internetworking MANs to ATM for Broadband Services Support
Multimedia Traffic Characterization from the High Definition Distance Learning ATM Trial
Design and Analysis of All-Optical ATM Switching Elements for High Speed Networks

Performance Comparison of Design Alternatives for Source Policing Devices in ATM Systems
Performance Analysis of an ATM Local Computer Network
Interconnection of FDDI-II Networks through an ATM Backbone - An Analysis
A Distributed Cycle Reset Protocol for the High-Speed LAN/MAN
Experience with Distributed Objects in A Portable and Multithreaded Library for A LAN/WAN Gateway Application
Request Based Channel Access Protocol on Folded Bus Topology
Internet Vulnerabilities of One-Time Passcode Mechanisms
Multi-Segment Bandwidth Reservation Protocol for DQDB Subnetwork
An Implementation of 100Mbps TAXI Subscriber Board
Alternative Configurations for Local Area Network Design
A Synchronization Service Framework for XTP
A Simulation Architecture for a Pico-Cellular Hybrid Network
An Expert Fault Manager using an Object Meta-Model
Performance Analysis of a High-speed Dynamically Reconfigurable LAN
Performance of XTP and TCP/IP in a Satellite Environment
Quasi-Static Load Balancing in Local Area Networks
Aspects of Video and Audio Signals Transmission in a FDDI Network
Configuring a Large LAN for TCP/IP, AppleTalk, and IPX
Real-Time ATM Traffic Measurements and Analysis
The Cell Loss Process in ATM Networks and its Impact on Quality of Service