SPIE International Symposium
Voice, Video, & Data Communications
Conference on Performance & Control of Network System
3-7 November 1997, Dallas, Texas, USA

Special Session on

Switching and Traffic Management in High Speed Networks

Call for Papers

Telecommunications in today's competitive marketplace typically involve multiple carriers, multiple services, varied equipment from multiple vendors, and multiple interconnected networks and network systems. The increasing demand in bandwidth for computing and communications has given rise to high speed networks. These networks require special types of switching and traffic management mechanisms. This special session is intended to cover different aspects of high speed switching, congestion control and service interworking mechanisms. Topics include (but are not limited to):

- Switching architectures
- Buffer management
- Congestion control mechanisms
- Traffic characterization, control, measurement, models and tools
- Prototyping experience and trial results
- Scheduling algorithms
- Service interworking (Frame Relay and ATM, TCP/IP and ATM, etc.)
- Performance evaluation, scalability, reliability and availability

Authors should send the following items by email to one of the session organizers (hard copy of papers may be sent only if electronic submission is impossible).

- Postscript copy of full paper.
- Plain text file containing the title of the paper, a 250-word abstract, and the author listing (principal author first) with full name, affiliation, mailing address, e-mail address, phone number and fax number for each author.

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Important Dates:

Deadline for receipt of manuscripts:	30 April 1997
Notification of acceptance/rejection:	late June 1997

Proceedings of this conference will be published and available at the symposium. Length of camera-ready manuscript is limited to 12 pages with single-spaced text. ASCII and Postscript versions of this announcement and information about the conference are available from http://www.monash.edu.au/~atiq