

One World through Communications

Eleventh Annual Joint Conference of the IEEE Computer and Communications Societies

Florence, Italy

Proceedings

Volume 2 of 3

Volume	Day	Sessions	Pages
1	Wednesday	1A - 3D	0001 - 0467
2	Thursday	4A - 7D	0469 - 1033
3	Friday	8A - 11D	1035 - 2515

EXHIBIT

Ex. 1011







THE COMPUTER SOCIETY



Attachment 5a: Copy of Document 5 from the University of Illinois at Urbana-Champaign Library



IEEE COMMUNICATIONS SOCIETY

Additional sets of Volumes 1, 2, and 3 may be ordered from:

IEEE Service Center Publications Sales Department 445 Hoes Lane P.O. Box 1331 Piscataway, New Jersey 08855-1331

IEEE INFOCOM '92

IEEE Catalog No.: ISBN Numbers:

92CH3133-6 0-7803-0602-3

Softbound

0-7803-0603-1 0-7803-0604-X Microfiche

Casebound

Library of Congress No.: 86-640672 IEEE Computer Society Order No.: 2860

Serial

COPYRIGHT AND REPRINT PERMISSIONS:

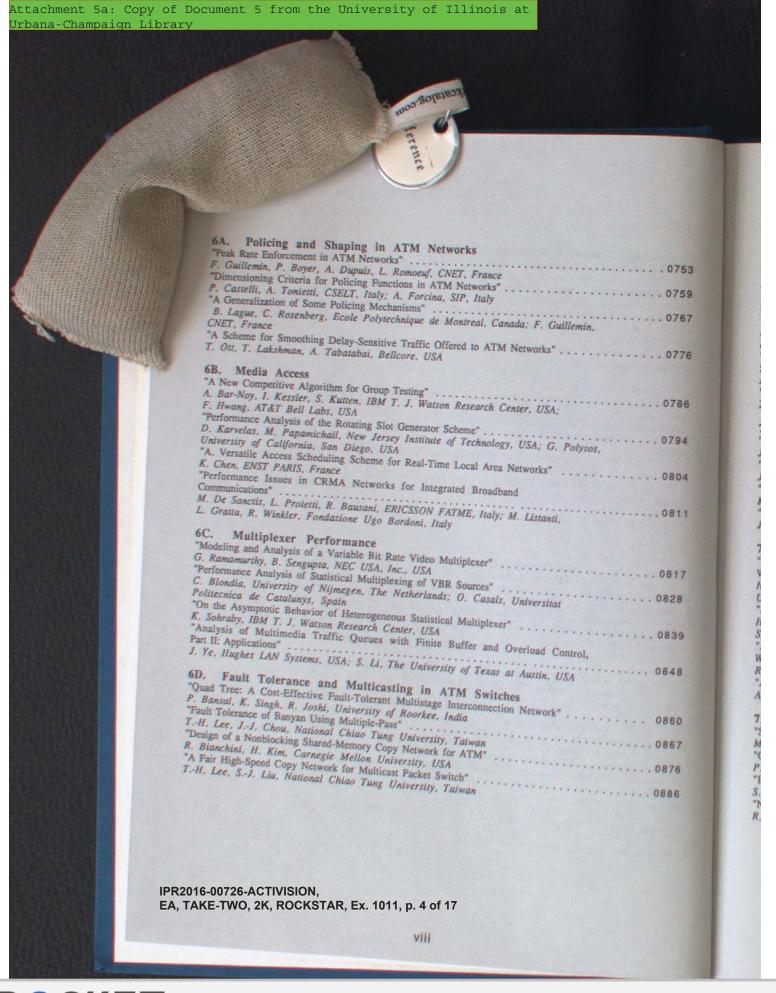
Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limits of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through the Copyright Clearance Center, 20 Congress St.,

Salem. Mass. 01970. Instructors are permitted to the code is paid through the Copyright Clearance Center, 20 Congress St., Salem, Mass. 01970. Instructors are permitted to photocopy isolated articles for noncommercial classroom use without fee. For other copying reprint a stabilization of the copying reprint and the copying reprint a stabilization of the copying reprint and the copying reprint a stabilization of the copying reprint a stabilization o without fee. For other copying, reprint or republications permission, write to Director, Publishing Services, IEEE, 345 East 47th St. New York NY 10017. All statutons permission, write to Director, Publishing Services, IEEE, 345 East 47th St., New York, NY 10017. All rights reserved. Copyright © 1992 by the Institute of Electrical and Electronics Engineers, Inc.



Attachment 5a: Copy of Document 5 from the University of Illinois at Urbana-Champaign Library

Massace from the G
Message from the General Chair
Message from the Technical Chairs Technical Program Committee
Technical Program Committee
Author Index
Session Chairs
Control of the state of the sta
1A Randwidth Allogation
1A. Bandwidth Allocation "A Unified Approach to Randwidth Allocation"
"A Unified Approach to Bandwidth Allocation and Access Control in Fast Packet- Switched Networks"
The state of the s
"Layered Required Bandwidth for Heterogeneous Traffic"
The state of the s
"Bandwidth Quantization in the Broadband ISDN"
o. 1. Deu, n. niyatama, Georgia Institute of Technology IICA
"Adaptive Bandwidth Allocation by Hierarchical Control of Multiple ATM Traffic Classes" 0030 R. Bolla, F. Davoli, Universita di Genova, Italy; A. Lombardo, S. Palazzo,
D. Panno, Università di Catania, Italy
2. I anno, Università di Catania, Italy
1B. Optical Networks 1
"Rooted Routing in Linear Lightwave Networks"
m. Hovacevic, m. Geria, GCLA, USA
"Fault Tolerant PON Topologies"
or, Ocha, Ocha, C. Camarda, Politecnico di Rari Italy: C Chianatti Materia
"Optical Distribution Channel: An 'Almost-all' Optical LAN Based on the Field-coding Technique" Optical Distribution Channel: An 'Almost-all' Optical LAN Based on the
c. Haas, R. Gillin, Al & Bell Labs, USA
"Local Optical Distribution"
I. Hayes, F. Ayadi, Concordia University, Canada
IC. Video Modelling
TES-Based Traffic Modeling for Performance Evaluation of Integrated Networks"
B. Melamed, B. Sengupta, NEC USA, Inc., USA; D. Raychaudhuri, J. Zdepski, David Sarnoff Research Center, USA
A Look at the MPEG Video Coding Standard for Variable Bit Rate Video Transmission" 0085
P. Pancha, M. El Zarki, University of Pennsylvania, USA
A Histogram-based Model for Video Traffic Behavior in an ATM Network Node
vith an Application to Congestion Control"
Sketty, M. Schwartz, Columbia University, USA: S. Dixit. GTE Labs Inc. 1184
Modeling of Motion Classified VBR Video Codecs"
Yegenoglu, B. Jabbari, George Mason University, USA; YQ. Zhang, GTE Labs, USA
D. Buffering in ATM Switches
Improving the Performance of Input-Queued ATM Packet Switches"
I. Karol, K. Eng, AT&T Bell Labs, USA; H. Obara, NTT Transmission Systems Labs Janan
On the Multiple Shared Memory Module Approach to ATM Switching"
wei, Purdue University, USA; V. Kumar, AT&T Bell Labs, USA
Performance Analysis of Multistage Interconnection Networks with Shared-
uffered Switching Elements for ATM Switching"
Monterosso, A. Pattavina, Politecnico di Milano/CEFRIEL, Italy Buffer Management Scheme for the SCOQ Switch Under Nonuniform Traffic Loading" 0132
Chen, J. Mark. University of Waterloo, Canada



Attachment 5a: Copy of Document 5 from the University of Illinois at Urbana-Champaign Library

7A. Congestion Control for BISDN "A Generic Flow Control Protocol for B-ISDN" Z. Budrikis, G. Mercankosk, QPSX Communications, Australia; M. Blasikiewicz, University of Western Australia, Austalia; M. Zukerman, L. Yao, P. Potter, Telecom Research Labs, Australia "Congestion Avoidance in ATM Networks" E. Sykas, I. Paschalidis, G. Mourtzinou, K. Vlakos, National Technical University of Athens, Greece "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Networks - The Single Node Case" A. Parekh, R. Gallager, Massachusetts Institute of Technology, USA	915
"A Two-Layer Congestion Control Protocol for Broadband ISDN" Z. Ren, Cogent Data Technologies, USA; J. Meditch, University of Washington, USA	925
7B. LANS	
"Token Ring Reliability Models" J. Spragins, Clemson University, USA "Using Statistical Bandwidth in Token Ring Networks" OS	34
"Performance Analysis of an Adaptive Token Rus Protocol"	
K. Lye, K. Seah, K. Chua, National University of Singapore, Singapore "A Study on the Inaccessibility Characteristics of ISO 8802/4 Token-Bus LANs" J. Rufino, P. Verissimo, Technical University of Lisboa, Portugal	
7C. Queueing Networks "Analysis of a Queueing Network Model with Class Dependent Window Flow Control"	68
"Approximate Analysis of the End-to-End Delay in ATM Networks" H. Kroner, M. Eberspacher, T. Theimer, P. Kuhn, U. Briem, University of	
"An Admission Control Model Through Outband Signalling Management"	87
"A Decomposition Method for the Exact Analysis of Circuit-Switched Networks"	96
7D. Network Services "Switched High-Speed Service - Architecture and Impacts"	04
"Customized Service Creation: A New Order For Telecommunication Services"	14
S. Rabie, BNR, Canada "Network Architecture and Functional Requirements for UPT"	

IPR2016-00726-ACTIVISION, EA, TAKE-TWO, 2K, ROCKSTAR, Ex. 1011, p. 5 of 17

ix



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

