

Workshop on Fault-Tolerant Parallel and Distributed Systems (FTPDS '00)

Workshop Chair

Dimitar R. Avresky, Network Computing Lab, Boston University, USA

Invited speakers

Jean-Claude Laprie
I. Leventel

Papers

Computing in the RAIN: A Reliable Array of Independent Nodes
V. Bohossian, C. Fan, P. LeMahieu, M. Riedel, L. Xu, and J. Bruck

Fault-Tolerant Wide-Area Parallel Computing
J. Weissman

Transient Analysis of Dependability/Performability Models by Regenerative Randomization with Laplace Transform Inversion
J. Carrasco

FANTOMAS: Fault Tolerance for Mobile Agents in Clusters
H. Pals, S. Petri, and C. Grewe

Metrics, Methodologies, and Tools for Analyzing Network Fault Recovery in Real-Time Distributed Systems
P. Irely, B. Chappell, R. Hott, D. Marlow, K. O'Donoghue, and T. Plunkett

Consensus Based on Strong Failure Detectors: Time and Message-Efficient Protocols
F. Greve, M. Hurfin, R. Macêdo, and M. Raynal

Implementation of Finite Lattices in VLSI for Fault-State Encoding in High-Speed Networks
A. Döring and G. Lustig

Building a Reliable Message Delivery System Using the COBRA Event Service

S. Ramani, B. Dasarathy, and K. Trivedi

Network Survivability Simulation of a Commercially Deployed Dynamic Routing System Protocol

A. Chowdhury, O. Frieder, P. Luse, and P. Wan

Fault-Tolerant Distributed Shared Memory on a Broadcast-Based Interconnection Network

D. Hecht and C. Katsinis

An Efficient Backup-Overloading for Fault-Tolerant Scheduling of Real-Time Tasks

R. Al-Omari, G. Manimaran, and A. Somani

Mobile Agents to Automate Fault Management in Wireless and Mobile Networks

N. Pissinou, Bhagayavati, and K. Makki