

ADSN 2005 ADVANCE PROGRAM

Session 1: Fault-Tolerance and Security		
Chair: Yoshiaki Kakuda		
1	Adding Confidentiality to Application-Level Multicast by Leveraging the Multicast Overlay	C. Abad (Escuela Superior Politenica del Litoral), I. Gupta (UIUC), W. Yurcik (National Center for Supercomputing Applications)C.
2	A Byzantine Fault-Tolerant Mutual Exclusion Algorithm and its Application to Byzantine Fault-Tolerant Storage Systems	J. M. Kim (Information and Communications University, Korea), Y. Manabe (NTT Cyber Space Laboratory)
3	Zmail: Zero-Sum Free Market Control of Spam	B. J. Kuipers, A. X. Liu, A. Gautam, M. G. Gouda (University of Texas at Austin)
Session 2: Reliability and Stabilization		
Chair: Bill Yurcik		
4	State Checksum and Its Role in System Stabilization	C-T. Huang (University of South Carolina at Columbia), M. G. Gouda (University of Texas at Austin)
5	An Optimal Snap-Stabilizing Multi-Wave Algorithm	D. Bein, A. K. Datta (University of Nevada, Las Vegas), M. H. Karaata, S. Zaman (Kuwait University)
6	Reconciling the Theory and Practice of (Un)Reliable Wireless Broadcast	G. Chockler, M. Demirbas, S. Gilbert, N. Lynch, C. Newport, T. Nolte (MIT Computer Science and Artificial Intelligence Lab)
Session 3: Load Balancing		
Chair: Chin-Tser Huang		
7	Dynamic Load Balancing Using Network Transferable Computer	M. Hisayuki, S. Inoue, Y. Kakuda (Hiroshima City University), K. Toda, K. Suzaki (National Institute of Advanced Industrial Research and Technology)
8	Implementation Issues of Parallel Downloading Methods for a Proxy System	J. Funasaka, A. Kawano, K. Ishida (Hiroshima City University)
9	Voting Multi-Dimensional Data with Deviations for Web Services under Group Testing	W-T. Tsai, Y. Chen, D. Zhang, H. Huang (Arizona State University)
Session 4: Adaptive Systems		
Chair: Murat Demirbas		
10	A New TCP Congestion Control Method Considering Adaptability over Satellite Internet	H. Obata, S. Takeuchi, K. Ishida (Hiroshima City University)
11	Improving Mutipath Reliability in Topology –Aware Overlay Networks	C. Tang , P. K. McKinley (Michigan State University)
12	Bandwidth Clustering for Reliable and Prioritized Network Routing using Split Agent-based Method	C. X. Mavromoustakis, H. D. Karatza (Aristotle University of Thessaloniki, Greece)