



National Institute of Statistical Sciences
PO Box 14006, Research Triangle Park, NC 27709-4006
Tel: 919.685.9300 FAX: 919.685.9310
www.niss.org

NISS Affiliates Technology Day on Internet Tomography

Friday, March 28, 2003

NISS Headquarters, Research Triangle Park, NC

PROGRAM

9:00 AM	Welcome and Introduction Alan F. Karr, Director, NISS J. S. Marron, Program Committee Chair, SAMSI
9:10-9:50	Sampling Issues in IP Topology Measurements Mark Crovella, Boston University
9:50-10:00	Discussion, led by Walter Willinger, AT&T Labs Research
10:00-10:40	Particle Filtering Methods for Network Tomography Mark Coates, McGill University
10:40-10:50	Discussion, led by Don Towsley, University of Massachusetts
10:50-11:10	Break
11:10-11:50	Traffic Matrix Estimation in Non-stationary Environments Rene Cruz, University of California San Diego
11:50-12:00 N	Discussion, led by Rob Nowak, Rice University
12:00-1:00 PM	Lunch
1:00-1:40	Pseudo-Likelihood Estimation in Network Tomography Bin Yu, University of California Berkeley
1:40-1:50	Discussion, led by Yehuda Vardi, Rutgers University
1:50-2:00	Break
2:00-2:40	Gravity, Information and Traffic Matrices Matthew Roughan, AT&T Labs Research
2:40-2:50	Discussion, led by Nina Taft, Sprint
2:50-3:00	Break
3:00-3:40	Inference of Flow Properties from Sampled Packet Streams Nick Duffield, AT&T Labs Research
3:40-3:50	Discussion, led by Eric Kolaczyk, Boston University
3:50-4:00	Concluding Discussion
4:00	Adjourn