Tuesday, January 20, 2004

0830hr – 0900hr  A Robust Optimization Approach to Supply Chain Management  
Dimitris Bertsimas, MIT  

0900hr – 0930hr  Improved O(N) neighbor list method using domain decomposition and data sorting  
Zhenhua Yao, NUS, NTU  

0930hr – 0950hr  Global Optimization with Polynomials  
Deren Han, NUS  

0950hr – 1010hr  Simulation of Flow Field and Particle Trajectories in Hard Disk Drive Enclosures  
Song Hanbin, NTU  

1010hr – 1030hr  Reduced-Basis Methods for Inverse Problems in Partial Differential Equations  
C.N. Nguyen, NUS  

1030hr – 1045hr  Break  

1045hr – 1115hr  Unsteady Flow Sensing and Estimation via the Gappy Proper Orthogonal Decomposition  
Karen Willcox, MIT  

1115hr – 1145hr  An Asymptotically Optimal On-Line Algorithm for Parallel Machine Scheduling  
Mabel Chou, NUS  

1145hr – 1205hr  Performance Analysis of Metamaterials With Two-dimensional Isotropy  
Hai-Ying Yao, NUS  

1205hr – 1225hr  Partitioned Conduction Modes in Surface Integral Equation-Based Impedance Extraction  
X. Hu, MIT  

End of Day 2