Monday, January 19, 2004

1315hr – 1345hr  Automatic Generation of Geometrically Parameterized Reduced Order Models for Integrated Spiral RF-Inductors  
J. White, MIT

1345hr – 1415hr  A Meshfree Weak-Strong-form (MWS) method for solid and fluid mechanics  
G. R. Liu, NUS

1415hr – 1435hr  Reduced-order, trajectory piecewise-linear models for nonlinear computational fluid dynamics  
David Gratton, MIT

1435hr – 1455hr  An Immersed Interface Method for the Incompressible Navier-Stokes Equations  
Duc-Vinh Le, MIT

1455hr – 1515hr  Aerodynamic Shape Design of Nozzles Using a Hybrid Optimization Method  
X. Q. Xing, NTU

1515hr – 1530hr  Break

1530hr – 1600hr  An Algorithm for Computing the Symmetry Point of a Polytope  
Robert M. Freund, MIT

1600hr – 1620hr  A Constraint Handling Strategy for Bit-Array Representation GA in Structural Topology Optimization  
Shengyin Wang, NTU

1620hr – 1640hr  Substrate Resistance Extraction Using a Multi-Domain Surface Integral Formulation  
A. Vathayathil, MIT

1640hr – 1700hr  Computing Upper and Lower Bounds for the J-Integral in Two-Dimensional Linear Elasticity  
Z.C. Xuan, MIT

End of Day 1