IMST Technical Programme Agenda

Monday, January 19, 2004

1330hr – 1350hr	Process Control in Micro-Embossing: A Review *David Hardt, MIT*
1350hr – 1410hr	An Analytical Solution on Convective and Diffusive Transport of Analyte in Laminar Flow of Microfluidic Slit *Y.C. Lam, NTU*
1410hr – 1430hr	Modeling Dielectric Erosion in Multi-Step Copper Chemical-Mechanical Polishing *Jung-Hoon Chun, MIT*
1430hr – 1450hr	Registration Using Projective Reconstruction for Augmented Reality Systems *M.L. Yuan, NUS*
1450hr – 1510hr	Characterization and Modeling of Chemical-Mechanical Polishing for Polysilicon Microstructures *Duane S. Boning, MIT*
1510hr – 1530hr	Pharmaceutical Properties of Nanoparticulate Formulation Composed of TPGS and PLGA for Controlled Delivery of Anticancer Drug *L. Mu, NTU*
1530hr – 1545hr	**Break**
1545hr – 1605hr	A Study on the Boundary Conditions of 90° Paper Pop-up Structures *S. B. Tor, NTU*
1605hr – 1625hr	Non-linear mechanical behavior of polydimethylsiloxane (PDMS): application to the manufacture of microfluidic devices *Lallit Anand, MIT*
1625hr – 1645hr	InGaAsN/GaAs Quantum-well Laser Diodes *S.F.Yoon, NTU*
1645hr – 1705hr	On Dual Actuation in Atomic Force Microscopes *Kamal Youcef-Toumi, MIT*
1705hr – 1725hr	Focused ion beam direct fabrication of micro optical elements: features compared with laser beam and electron beam direct writing *Yongqi Fu, NTU*

End of Day 1