AMM&NS Technical Programme Agenda

Tuesday, January 20, 2004

0900hr – 0920hr  Ballistic Transport in Carbon Nanostructures, and its application to Functionalized Nanotubes
                 N. Marzari, MIT

0920hr – 0935hr  Optical pumped In$_x$Ga$_{1-x}$N/In$_y$Ga$_{1-y}$N multiple quantum well vertical cavity surface Emitting laser
                 operating at room temperature
                 Chen Zhen, NUS

0935hr – 0950hr  Micro Raman spectroscopy of annealed Erbium implanted GaN
                 Agam.P.Vajpeyi, NUS

0950hr – 1010hr  Structural analysis of metalorganic chemical vapor deposited AlN nucleation layers on Si (111)
                 Zang Keyan, NUS

1010hr – 1025hr  Break

1025hr – 1040hr  GaN nanopore arrays: Fabrication and characterization
                 Yadong Wang, NUS

1040hr – 1055hr  High hole and electron mobilities using Strained Si/Strained Ge heterostructures
                 S. Gupta, MIT

1055hr – 1110hr  Plastic relaxation from strain-thickness dependence in In$_x$Ga$_{1-x}$N/GaN epilayers grown on sapphire
                 T. L. Song, NUS

1110hr – 1125hr  Dependence of nanocrystal formation and charge storage/retention performance of a tri layer memory
                 structure on germanium concentration and tunnel oxide thickness
                 L.W. Teo, NUS

1125hr – 1140hr  Charge storage in nanocrystal systems: Role of defects?
                 E.W.H. Kan, NUS

1140hr – 1155hr  Strategies for Lithographic Techniques of Trapping Nanoparticles
                 Rick Rajter, MIT

1155hr -  1210hr  Review of SMA2 Programme
                 Thompson and Choi

End of Day 2