



## 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  $\text{In}_x\text{Ga}_{1-x}\text{N}/\text{In}_y\text{Ga}_{1-y}\text{N}$  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  $\text{In}_x\text{Ga}_{1-x}\text{N}/\text{GaN}$  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**