Technical Parallel Session
Chemical and Pharmaceutical Engineering & Molecular Engineering of Biological and Chemical Systems  
(CPE & MEBCS)

Tuesday, 23 January 2007
Location: Lecture Room 4 (Level 3), Nanyang Executive Centre, Nanyang Technological University

13:00 – 13:30  **Registration**

13:30 – 13:45  Leong Fong Yew (NUS)
*Secondary Flow and Upstream Dynamics in a Double Bifurcation Model*

13:45 – 14:00  Lim Liang Kuang (NUS)
*On the droplet formation process in electrohydrodynamic atomization*

14:00 – 14:15  Pong Boon Kin (NUS)
*Preparation of DNA-functionalised CdSe/ZnS Quantum Dots*

14:15 – 14:30  Fritz Simeon (NUS)
*Aggregation of synthetic gene delivery systems enhance the cellular association and uptake for in vitro transfection*

14:30 – 14:45  Akasta Sinaga (NTU)
*Synthesis and Self-Assembly Behavior of Poly(acrylic acid)-block-poly(l-valine)*

14:45 – 15:00  Tian Yuan (NTU)
*Synthesis and Complexation behavior of Pluronic-b-poly(acrylic acid) copolymer with Doxorubicin*

15:00 – 15:15  Ng Jin Kiat (NUS)
*Profiling protein-DNA interaction through self-assembly of ssDNA-dsDNA probe in microarray format*

15:15 – 15:45  **Tea Break & Poster Session**

15:45 – 16:15  CPE Student Presentations
Dhawal Shah
Fan Xue Xiang
Ho Kek Sian
Wang Wen
Zhang Wei

16:15 – 17:00  CPE Faculty Meeting (closed meeting)

17:00  **End of Day 1 Session**