



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) <i>Secondary Flow and Upstream Dynamics in a Double Bifurcation Model</i>
13:45 – 14:00	Lim Liang Kuang (NUS) <i>On the droplet formation process in electrohydrodynamic atomization</i>
14:00 – 14:15	Pong Boon Kin (NUS) <i>Preparation of DNA-functionalised CdSe/ZnS Quantum Dots</i>
14:15 – 14:30	Fritz Simeon (NUS) <i>Aggregation of synthetic gene delivery systems enhance the cellular association and uptake for in vitro transfection</i>
14:30 – 14:45	Akasta Sinaga (NTU) <i>Synthesis and Self-Assembly Behavior of Poly(acrylic acid)-block-poly(L-valine)</i>
14:45 – 15:00	Tian Yuan (NTU) <i>Synthesis and Complexation behavior of Pluronic-b-poly(acrylic acid) copolymer with Doxorubicin</i>
15:00 – 15:15	Ng Jin Kiat (NUS) <i>Profiling protein-DNA interaction through self-assembly of ssDNA-dsDNA probe in microarray format</i>
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