

Micro Flows and Their Applications: Particle Manipulation, Sample Concentration and Actuation

**Electrokinetic Flow and Particle Manipulations
in Microfluidics**

Professor Charles Chun Yang

School of Mechanical and Aerospace Engineering
Nanyang Technological University, Singapore

**Thermally Driven Gas Flows and Their Applications
in Actuation**

Professor Wenjing Ye

Department of Mechanical Engineering
The Hong Kong University of Science and Technology

**Concentration of Sample Solutes in Microfluidic Structures using Temperature Gradient Focusing
with Joule Heating Effects**

Mr. Zhengwei Ge

School of Mechanical and Aerospace Engineering, Nanyang Technological University, Singapore

Monday, 23rd Nov 2009

2:30 p.m. to 5:00 p.m.

**Ben C. M. Wong Technology Education Theater
(Room 6580, 6/F via Lifts 27-28, HKUST)**

Invited Speakers of Forthcoming Seminars

December 2009 Professor Xiaosong Chen, Institute of Theoretical Physics, Chinese Academy of Sciences

January 2010 Professor Hyoung Jin Choi, INHA University, Korea

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Project of Multiphase Fluid Flow: Theory, Simulation and Experiments, HKUST



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