



6th USA-Korea Joint Symposium



7-8 July 2008, Monday & Tuesday
Hogan Room, 521 Cory Hall, UC Berkeley

MEMS and Bioengineering Technology Technical Program

Monday, 7 July 2008

- 11:30 ~ 11:35 **Welcome Address and Opening**
Albert P. Pisano (University of California, Berkeley)
- 11:35 ~ 12:05 **Droplet Microfluidics: Playing with Liquid Packets on Chip**
Chang-Jin Kim (University of California, Los Angeles)
- 12:05 ~ 12:35 **Mechanical Behavior of Thin Film and Small Sized Materials**
Seungmin Hyun (Korea Institute of Machinery and Materials)
- 12:35 ~ 13:05 **Microfluidic Devices for Advanced Therapeutics**
Abraham P. Lee (University of California, Irvine)
- 13:05 ~ 13:35 **Polysilicon Film Encapsulated MEMS Resonators for Oscillator Applications**
Bongsang Kim (University of California, Berkeley)

Tuesday, 8 July 2008

- 11:30 ~ 11:35 **Welcome Address and Opening**
Young-Ho Cho (Korea Advanced Institute of Science and Technology)
- 11:35 ~ 12:05 **Biomedical Innovations by BioPOETS (Biologically-inspired Photonics-Optofluidic-Electronic Technology and Science)**
Luke P. Lee (University of California, Berkeley)
- 12:05 ~ 12:35 **Piezoelectric Sensor and Generator Using Flow-Induced Vibration**
Young Ho Seo (Kangwon National University)
- 12:35 ~ 13:05 **MEMS for Mechanobiology**
Beth L. Pruitt (Stanford University)
- 13:05 ~ 13:35 **Small Optics for Biophotonics**
Ki-Hun Jeong (Korea Advanced Institute of Science and Technology)

➤ Sandwiches will be provided to the first 50 attendees each day.

