



# 4<sup>th</sup> U.S.A.-Korea Joint Symposium

November 27 (Mon) - 29 (Wed), 2006



## **MEMS and BioSystems Technology**

### Reception (27 November 2006)

400 Cory Hall

18:00 ~ **Reception**

### Technical Program (28 November 2006)

Wozniak Lounge, Soda Hall

10:00 ~ 10:30	<b>Registration</b>	14:00 ~ 14:30	<b>Nanomechanical Protein Presence and Concentration Detectors</b> <i>Won Chul Lee</i> Korea Advanced Institute of Science and Technology
10:30 ~ 10:40	<b>Welcome Address &amp; Opening</b> <i>Albert P. Pisano</i> University of California at Berkeley	14:30 ~ 15:00	<b>NanoCytometer – New Device for Cell Assay</b> <i>Lydia Sohn</i> University of California at Berkeley
10:40 ~ 11:00	<b>Progress Report and Perspective</b> <i>Young-Ho Cho</i> Korea Advanced Institute of Science and Technology	15:00 ~ 15:30	<b>Coffee Break</b>
11:00 ~ 11:30	<b>Bio Nano Fuel Cell</b> <i>Liwei Lin</i> University of California at Berkeley	15:30 ~ 16:00	<b>Development of Micro/Nano Hybrid Patterns for the Optical Applications</b> <i>Young Ho Seo</i> Kangwon National University
11:30 ~ 12:00	<b>Blood Analysis Chip Using Sub-Micron Structure and Electrochemical Method</b> <i>Duckjong Kim</i> Korea Institute of Machinery and Materials	16:00 ~ 16:30	<b>Biologically Inspired Artificial Compound Eyes</b> <i>Ki-Hun Jeong</i> University of California at Berkeley
12:00 ~ 13:30	<b>Lunch</b>	16:30 ~ 17:00	<b>Industrial Inkjet Printheads and Their Application toward Printed Circuit Boards</b> <i>Jaewoo Joung</i> Samsung Electro-mechanics Co., Ltd
13:30 ~ 14:00	<b>Nanoscale Plasmonics and Bio-applications</b> <i>Xiang Zhang</i> University of California at Berkeley	18:00 ~	<b>Banquet</b>

### Field Trip Program (29 November 2006)

400 Cory Hall

10:00 ~ 12:00	Field Trip –Berkeley Sensor and Actuator Center
12:00 ~ 14:00	Lunch
14:00 ~ 16:00	Field Trip –Electronic Research Laboratory