Map

Registration

No registration fee is required except on-site registration. Thus, it is strongly recommended to make a pre-registration. Please send your name, title, affiliation, telephone number, and e-mail address (all in English) via e-mail to dnc@kaist.ac.kr no later than January 15, 2003.

Further Information

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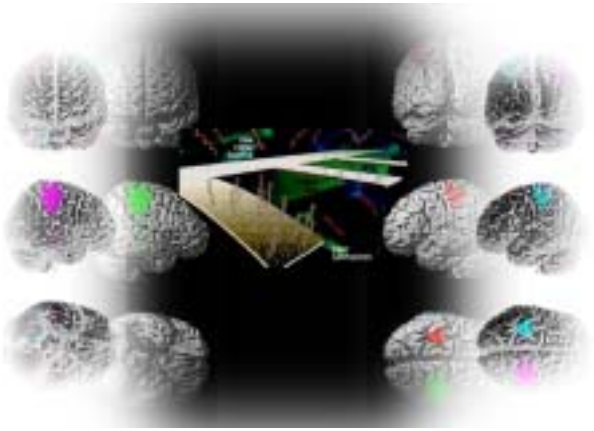
1st Korea-U.S.A. Joint Symposium

MEMS and BioSystems Technology



Invited Speakers

Prof. Ahn, Chong H. (Univ. of Cincinnati)
Prof. Cho, Dong-il 'Dan' (SNU)
Dr. Cho, Sang-Joon (Wayne State Univ.)
Prof. Kim, Chang-Jin (UCLA)
Prof. Kim, Eun Sok (USC)
Prof. Lee, Seung S. (Postech)
Prof. Lee, Soo-Young (KAIST)
Prof. Liepmann, Dorian (UC-Berkeley)
Prof. Park, Je-Kyun (KAIST)
Prof. Pisano, Albert P. (UC-Berkeley)

January 24, 2003 (Fri) 09:00 ~ 18:00
Taewulgwan Auditorium at KAIST
Daejeon, Korea
KOSEF / KAIST (International Programs, Dept. of BioSystems & Digital Nanolocomotion Center)

Symposium Organizers:
Prof. Young-Ho Cho (KAIST) and Prof. Albert P. Pisano (UC-Berkeley)

http://biosys.kaist.ac.kr/~symposium

Symposium Program

09:00 ***Welcome Address***

09:05 ***Congratulations***

09:10 **MEMS Rotary Engine Power System**
Prof. Albert P. Pisano
University of California at Berkeley

09:50 **A Proposal for Next-Generation Cochlear Implants Based on Auditory Model**
Prof. Soo-Young Lee
Korea Advanced Institute of Science and Technology

10:30 **Electrowetting-Driven Digital Microfluidics**
Prof. Chang-Jin "CJ" Kim
University of California at Los Angeles

11:10 ***Coffee Break***

11:30 **Si (111): the Best Plane for Fabricating Nano and Micro Systems**
Prof. Dong-il 'Dan' Cho
Seoul National University

12:10 **Acoustic MEMS for Microfluidic Management and Bioassay**
Prof. Eun Sok Kim
University of Southern California

12:50 ***Lunch Break***

14:00 **MEMS-Based Fluid Delivery and Control Systems for BioMedical Applications**
Prof. Dorian Liepmann
University of California at Berkeley

14:40 **MEMS Activities at POSTECH**
Prof. Seung S. Lee
Pohang University of Science and Technology

15:20 **Disposable Smart Lab-on-a-Chip for Clinical Diagnostics using Microfluidics and BioMEMS Technologies**
Prof. Chong H. Ahn
University of Cincinnati

16:00 ***Coffee Break***

16:20 **Discovery of a New Cellular Structure and Its Function in Exocytosis: Application of AFM on Cell Biology Research**
Dr. Sang-Joon Cho
Wayne State University

17:00 **Bio-fluidic Network Technology for Protein Assay**
Prof. Je-Kyun Park
Korea Advanced Institute of Science and Technology

17:40 ***Wrap up***