

international symposium on lifechipsSM | may 16-17

arnold and mabel beckman center of the national academies of science & engineering | uc irvine, usa

The International Symposium on LifeChipsSM will take place at the Beckman Center of the National Academies located at University of California, Irvine, USA from May 16-17 in conjunction with the symposium "California: Prosperity Through Technology" to be held from May 15-16, sponsored by the Henry Samueli School of Engineering, University of California, Irvine, USA.

The one-and-a-half day symposium will cover four topical areas:

- Nano/micro technologies for cancer
- Bio-microelectromechanical systems (Bio-MEMS) for medical implant devices
- Array technologies for genomic, proteomic, and cellular screening/diagnosis
- Other topics including Bio-materials and Electronic Devices for Medical Engineering

The first three topics will have invited speakers. Additionally, there will be poster presentations for all topics.

The symposium meeting will start on **Tuesday (May 16)** morning with series of talks from invited eminent academic and industrial researchers from US, Japan, and Korea. We will also have poster presentations of latest research in LifeChipsSM. The day will be concluded with a dinner and a keynote address. On **Wednesday (May 17)**, the symposium will have a half-day meeting featuring a second poster session and a series of invited talks, concluding with lunch and tours, leaving the afternoon free for the attendees to interact and continue discussions.

The LifeChipsSM program at UC Irvine is dedicated to promoting the union of technology arts and life sciences through research at the micro and nano scales. This International Symposium on LifeChipsSM will allow leading scientists and technologists to present emerging developments that can advance life science and technology research. The purpose of this symposium is to catalyze interdisciplinary research activity through a focus on micro and nanoscale developments in technology and life science. In addition, the symposium provides a forum to initiate new international collaborations among LifeChipsSM researchers in North America and Asia.



Join us for an event that will stimulate discussion, interest, and collaboration among researchers from technology and life science backgrounds. This will be a great opportunity to exchange ideas and learn about research that may have unique application to your own area of research.

Individuals interested in or actively engaged in LifeChipsSM research are encouraged to attend this symposium and to submit poster papers. Please submit your 100-word abstracts to www.lifechips.org by May 7, 2006. A corresponding author should provide the contact information (name, affiliation, e-mail address, phone and fax number).

Local chair and more information contact: Goran Matijasevic, Ph.D., goran@uci.edu, 949-824-9830, fax 949-824-3732. www.lifechips.org

\$100, May 15th (UCI School of Engineering Symposium)
\$100, May 16th (LifeChips Symposium, day #1)
\$50, May 17th (LifeChips Symposium, day #2)
\$75 for each dinner
\$75 spouse rate (for meals only)
\$50 student rate

LifeChipsSM at the Integrated Nanosystems Research Facility
The Henry Samueli School of Engineering
University of California, Irvine
2220 Engineering Gateway | Irvine, CA 92697-2625

www.lifechips.org

Speaker list (confirmed)

Mehmet Toner,
Harvard University

Shuming Nie,
Georgia Institute of Technology

Michael J. Natan,
Oxonica, Inc.

Saburo Tanaka,
Toyohashi University of Technology

Tae Kook Kim,
Korea Adv. Inst. of Science and Tech.

Andrew Berlin,
Intel

Robert J. Greenberg,
Second Sight

Bill Van Antwerp,
Medtronic

Francis "Sandy" Spelman,
Advanced Cochlear Systems

SangHoon Lee,
Korea University

Paul Bach-y-Rita,
University of Wisconsin - Madison

Makoto Ishida,
Toyohashi University of Technology

Gregory Downing,
NIH National Cancer Institute

David Barker,
Illumina, Inc.

Nancy Allbritton,
UC Irvine

Kazuaki Sawada,
Toyohashi University of Technology

James C. Osborne, Jr.,
Beckman-Coulter Inc.

E. K. Lee,
Hanyang University

Joshua LaBaer,
Harvard Medical School

Niroshan Ramachandran,
Harvard Medical School