

UMEMSME Seminar

The 4th Symposium on Green Microsystem Technology

Monday, April 1, 2013

Venue: Room of International Seminar, UMEMSME, AIST East

Session I

Chair: Professor Susumu Sugiyama

NMEMS Technology Research Organization, Japan

13:25 – 13:50 Greetings

- Dr. Ryutaro Maeda
- Professor Chunsheng Yang
- Representative of International Affair Department, AIST

13:50 – 17:30 Seminar

13:50 – 14:20 *Invited talk*

Dry Electrodes for Long-Term Biopotential Measurement

Dr. Liu, Jinquan

Shanghai Jiao Tong University, China

14:20-14:50

Activities of "Research Center for Ubiquitous MEMS and Micro-Engineering" and the Outline of Our nanoimprint researches

Dr. Hiroshima, Hiroshi

National Institute of Advanced Industrial Science and Technology, Japan

14:50 – 15:20 *Invited talk*

Design and Fabrication of Color Converting Coating based on Quantum dot Nanocrystals for White LED application

Professor Kim, Young-Joo

Yonsei University, Korea

15:20 – 15:30 Break

Session II

Chair: Dr. Sohei Matsumoto

UMEMSME, AIST, Japan

15:30-16:00 *Invited talk*

Micro Optical Components Based on Molding Technology

Dr. Li, Yigui

Shanghai Jiao Tong University, China

16:00-16:30

Universal MEMS Detection Platform for Point-of-Care Diagnosis

Dr Kamei, Toshihiro

National Institute of Advanced Industrial Science and Technology, Japan

16:30 – 16:50 *Invited talk*

Droplet Microfluidics for the Synthesis of Janus Particles

Dr. Chen, Xiang

Shanghai Jiao Tong University, China

16:50 – 17:10 *Invited talk*

Piezoelectric MEMS Energy Harvesters

Dr. Yang, Bin.

Shanghai Jiao Tong University, China

17:10– 17:30

3D Microfabrication on Cylindrical Capillary Substrate: Research, life and study in AIST

Dr. Yang, Zuoqing

National Institute of Advanced Industrial Science and Technology, Japan