

2018 Japan-Taiwan Joint Workshop on CMOS and MEMS

Date: 2018/05/31 (Thursday) 9:30am-11:30am

Venue: R108, Engineering Building I, National Tsing Hua University

Chair: Prof. Weileun Fang

Agenda:

9:30am-9:40am Opening & U. of Tokyo – NTHU MOU Ceremony

9:40am-9:50am

Prof. Hiroaki Honma, University of Tokyo, “Electrostatic Energy-Harvesters with Symmetric Comb Drive Structures for High-Power and High-Efficiency Performance”

9:50am-10am

Prof. Chihchen Chen, iNEMS NTHU, “Continuous Microfluidic Assortment of Interactive Ligands (CMAIL)”

10am-10:10am

Prof. Daisuke Yamane, Tokyo Tech, “High-Sensitivity MEMS Inertial Sensor for Medical Applications”

10:10am-10:20am

Prof. Yu-Lin Wang, iNEMS NTHU, “Mobile Diagnostic with One Drop of Blood”

10:20am-10:30am

Prof. Tso-Fu Mark Chang, Tokyo Tech, “Electrodeposition of Gold-Based Materials for Applications in MEMS”

10:30am-10:40am

Prof. Cheng-Yao Lo, iNEMS NTHU, “Enhancement of Angle and Spatial Resolution in Tactile Sensors”

10:40am-10:50am

Prof. Chiemi Oka, Nagoya University, “Improving Wettability of Porous Stainless Steel for Innovation of Heat Transfer Devices”

10:50am-11am

Prof. Wei-Chih Wang, iNEMS NTHU, “2D Electrostatic Cantilever Waveguide Scanner”

11am-11:30am

Prof. Weileun Fang, PME NTHU, “MEMS/Sensors Ecosystems in Taiwan”

11:30am-1pm Lunch in campus restaurant

1pm-6pm

Technical tour in NDL (National Nano Device Laboratories), CIC (Chip Implementation Center), ITRC (Instrument Technology Research Center), TDK-InvenSense, and APM (Asia Pacific Microsystems)

6pm-8pm Banquet in Pengyuan (Chinese restaurant)

8pm-9pm Shuttle bus to Taipei