

16th International Micromachine Nanotech Symposium ~MEMS World~ Program

“Green Innovation explored by Ambient Devices”

~Latest Achievements from worldwide R&D Centers~

13:00-16:15 Wednesday July 28, 2010

East Hall, MicroNano Seminar Room A

Presented by Micromachine Center

Under auspice of METI and NEDO

Chair: Dr. Toshihiro Ito

Co-Director

Research Center for Ubiquitous MEMS and Micro Engineering
National Institute of Advanced Industrial Science and Technology

Opening		
13:00-13:05	Opening Remarks	Hisao Sakuta Chairman, Micromachine Center
13:05-13:10	Guest Speech	Takeshi Yonemura Manufacturing Industries Bureau, METI
Keynote Speech		
13:10-13:30	Green Innovation explored by Ambient Devices	Prof. Isao Shimoyama Graduate School of Information Science and Technology The University of Tokyo
Session 1 Systems		
13:30-14:00	Human++: technology for body area networks	Dr. Bert Gyselinckx Human++ Program Director and managing director of IMEC-NL Holst Centre
14:00-14:30	Low-cost efficient solutions to enable BAW RF resonator application and expansion for wide MEMS Integration	Andre Rouzaud Silicon Heterogenous Integration Dept. CEA-LETI. MINATEC
Break 14:30-14:40		
Session 2 Devices		
14:40-15:10	Nanogenerator in Electric Clothing for Energy Harvesting	Prof. Liwei Lin Vice Chair ME; BSAC Co-Director, UC Berkley
15:10-15:40	Highly Flexible Printed Thin Film Battery	Prof. Reinhard R. Baumann Chemnitz University of Technology, Institute for Print and Media Technology Fraunhofer ENAS
15:40-16:10	MEMS manufacturing: key elements to successfully participate in the high expected growth of the MEMS industry	Mr. Claude Jean Executive Vice President and General Manager Dalsa Semiconductor
Closing		
16:10-16:15	Closing Remarks	Keiichi Aoyagi Micromachine Center