

The 17th International Micromachine / Nanotech Symposium

MEMS Green Innovation

Essential MEMS Green Innovation for reconstruction from great disaster and power shortage.
~Latest reports from worldwide advanced laboratories~

13:00-16:55 Wednesday July 13, 2011
East Hall 1, MicroNano Seminar Room A
Presented by Micromachine Center

Chair: Prof. Isao Shimoyama,
The University of Tokyo / International Exchange Committee Chair-MEMS Industry Forum

■Opening	
13:00-13:05	Opening Remarks <div style="text-align: right;">Hisao Sakuta, Chairman, Micromachine Center</div>
13:05-13:10	Guest Speech <div style="text-align: right;">Industrial Machinery Division, Manufacturing Industries Bureau, METI</div>
■Session1 Essential MEMS Green Innovation for reconstruction from great disaster and power shortage	
13:10-13:40	Keynote MEMS Harsh Environment Sensors for Geothermal Power <div style="text-align: right;">Prof. Albert P. Pisano, University of California, Berkeley, U.S.A.</div>
■Session2 The MEMS Future application & market	
13:40-14:10	Electromagnetic Metamaterial Pioneers the Future <div style="text-align: right;">Prof. Masanori Hangyo, Institute of Laser Engineering, Osaka University</div>
14:10-14:40	Smart sensor MEMS for smart phone market <div style="text-align: right;">Sam Guillaumé, CEO MOVEA, France</div>
14:40-15:10	Future prospect and applications of MEMS including integrated MEMS <div style="text-align: right;">Akira Minamikawa, IHS iSuppli Japan K.K</div>
15:10-15:20	Break
■Session3 Latest news from the world's advanced MEMS Laboratories	
15:20-15:50	A New Perspective for CMOS MEMS R&BD and Manufacturing <div style="text-align: right;">Kwyro Lee, President National Nano Fab Center, Korea</div>
15:50-16:20	Development of sensors for bio medical and healthcare applications <div style="text-align: right;">Dr. André Rouzaud, LETI, Deputy VP for microsystems and 3D, France</div>
16:20-16:50	N-MEMS prototyping facility for large scale production and the low power management by sensor network <div style="text-align: right;">Ryutaro Maeda, National Institute of Advanced Industrial Science and Technology</div>
■Closing	
16:50-16:55	Closing Remarks <div style="text-align: right;">Keiichi Aoyagi, Executive Director, Micromachine Center</div>