

## MEMS Forum

- Aiming for growth in MEMS-related industries -

**Tuesday, November 7, 2006 10:00 a.m. - 4:35 p.m. Tokyo International Forum Hall D7**

Sponsored by : MEMS Industry Forum

Cosponsored by : Ministry of Economy, Trade and Industry, The New Energy and Industrial Technology Development Organization (NEDO)

Support provided by : Kitakyushu Foundation for the Advancement of Industry, Science and Technology; MEMS Park Consortium

Entrance fee : Free

### Program

**MC : Keiichi Aoyagi, Secretary-general, Secretariat, MEMS Industry Forum**

Session 1	Opening	
10:00 – 10:05	Opening address	Tamotsu Nomakuchi, Chairman, MEMS Industry Forum
10:05 – 10:10	Greetings from guest of honor	Taizo Takahashi, Director, Industrial Machinery Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry
10:10 – 10:20	Introduction of MEMS Industry Forum activities	Keiichi Aoyagi, Secretary-general, Secretariat, MEMS Industry Forum
Session 2	MEMS Industrial Policy	
10:20 – 10:50	MEMS Industry Policy in Japan with a view to International Competitiveness (tentative title)	Taizo Takahashi, Director, Industrial Machinery Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry
10:50 – 11:20	MEMS Industry Policy and Business Development in the U.S.	Micro and Nanotechnology Commercialization Education Foundation (MANCEF) , Vice President Jane Niall
11:20 – 11:50	MEMS Business : What Determines Success or Failure ?	Associate editor, Tsuneyuki Miyake, Nikkei Business Publications Inc.
11:50 – 13:00	Lunch	
Session 3	Reinforcement of MEMS Industry Infrastructure	
13:00 – 13:30	Developing a Standard Menu for Functional Enhancement of MEMS Foundries (tentative title)	Kazushi Tomii, Chair, Foundry Service Industry Committee, MEMS Industry Forum ( General Manager, MEMS Foundry Services, Micro Fabrication Process Development Center, Matsushita Electric Works Ltd. )
13:30 – 14:00	Activities of the MEMS / MS Applied Research Forum	Nagao Miyashita, Chief-executive, Industry-Academia Cooperation Center, Kitakyushu Foundation for the Advancement of Industry, Science and Technology
14:00 – 14:30	Efforts to Develop MEMS Technology through Liaison with the Manufacturing Industry: Local Publicly-Run Trials	Yoshiyuki Watanabe, Senior researcher, Electronics Information Technology Department, Yamagata Research Institute of Technology
Session 4	MEMS Technology Establishment and Industry - Academia Cooperation	
14:30 – 15:00	Road Map to MEMS Technology Strategies	Sumio Kozawa, Director general, Machinery System Technology Development Department, The New Energy and Industrial Technology Development Organization (NEDO)
15:00 – 16:00	Information From MEMS Industry Forum/Academia Affiliates	Organizer: Professor Kazuo Sato, Nagoya University
	• Seed Technologies Contributing to Optical-Integrated Devices	Minoru Sasaki, Assistant professor, Hane-Sasaki Laboratory, Tohoku University
	• Fundamental Problems with MEMS Accelerometers and Potential for Solutions Provided by Venture Business	Akira Umeda, Metrology Institute of Japan, National Institute of Advanced Industrial Science and Technology (AIST)
	• Research at Kyoto University Nano-Microsystem Engineering Laboratory	Professor Osamu Tabata, Nano-Microsystem Engineering Laboratory, Kyoto University
16:00 – 16:30	• Reports on Industry-Academia Liaison Activities by The Japan Society for Precision Engineering Expert Committee on Micro-Nanosystems Research and the Tokyo Institute of Technology Precision and Intelligence Laboratory (Horie Group)	Professor Mikio Horie, Precision and Intelligence Laboratory, Tokyo Institute of Technology
	Establishment of Core Technology to Strengthen the Infrastructure of the MEMS Industry	Professor Hiroyuki Fujita, Institute of Industrial Science, University of Tokyo
Closing		
16:30 – 16:35	Closing address	Koichi Karaki, Vice-chairman, MEMS Industry Forum