

Ministry of Economic Affairs,
Energy and Industry
of the State of North Rhine-Westphalia



nanomicro biz
ROBOTECH



July 2013 Japanese-German Micro/Nano Business Forum Tokyo Big Sight, East Hall

The Forum, organized by IVAM Microtechnology Network with support of the Micromachine Center will take place during the Exhibition Micromachine/MEMS 2013 on July 4, 2013. The forum intends to deepen the international exchange about applications of micro and nano technologies and create business opportunities between the Japanese and the German Market and worldwide.

Session Chair

Dr. Lorenz Granrath

Representative Fraunhofer Representative Office Japan, Tokyo (J)

09:30 Start Registration		
10:00	Opening Remarks	<p>Keiichi Aoyagi Micromachine Center</p> <p>Dr. Peter Scholz Ministry of Economic Affairs, Energy and Industry of the State of North Rhine-Westphalia</p> <p>Prof. Dr. Thomas Geßner Member of the Advisory Board of IVAM</p>
10:10-10:30	Open-access facility for MEMS R&D and production	<p>Prof. Dr. Kentaro Totsu Micro System Integration Center, Tohoku University, Tokyo (J)</p>
10:30-11:00	3D-Integration for Smart Systems	<p>Prof. Dr. Thomas Geßner Fraunhofer-Institut für Elektronische Nanosysteme ENAS, Chemnitz (D)</p>
11:00-11:20	Energy Harvesting Devices with Micro-machining Structures	<p>Dr. Hiroyuki Yagyu Panasonic Corporation, Osaka [J]</p>
11:20-11:40	Research and Development of Micro Metal Injection Molding	<p>Benjamin Hefler Taisei Kogyo Co., Ltd [J]</p>
11:40-12:00	High Quality Micro-machining with ps-lasers: The Process, Examples and Cost of Ownership	<p>Dr. Bernhard Klimt Coherent Kaiserslautern GmbH, Kaiserslautern, [D]</p>
12:00-12:30	Break	
12:30-12:50	Development of Polymer MEMS Process Technology and Its Application”	<p>Prof. Dr. Susumu Sugiyama Ritsumeikan University, Kyoto [J]</p>
12:50-13:10	A new Optical Measurement Method for 3-D Vibration and Motion Measurement of MEMS / Micromachines	<p>Morihito Hagura Polytec Japan, Kanagawa [J]</p>
13:10-13:25	Closing	