

Ministry for Economic Affairs,  
Energy, Building, Housing and Transport  
of the State of North Rhine-Westphalia



Exhibition

**Micromachine/MEMS**



日独交流150周年  
Jahre Freundschaft  
Deutschland – Japan



Federal Ministry  
of Economics  
and Technology



**Kompetenznetze Deutschland**  
networking for innovation

**July 2011 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 2011 on July 14, 2011. 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.

Registration Starts 10:00 Moderation: Heinz-Peter Hippler, IVAM Microtechnology Network

10:30	Opening Remarks	<p><b>Keiichi Aoyagi</b> Micromachine Center</p> <p><b>Dr. Peter Scholz</b> Ministry of Economic Affairs of the State of North Rhine-Westphalia</p> <p><b>Heinz-Peter Hippler</b> IVAM Microtechnology Network</p>
10:40-11:00	Micro System Integration Center in Tohoku University	<b>Prof. Dr. Masayoshi Esashi</b> Tohoku University
11:00-11:30	Smart Systems Integration by using advanced MEMS technologies	<b>Prof. Dr. Thomas Geßner</b> Fraunhofer ENAS
11:30-11:50	Active Microfluidics: Micropumps	<b>Nobuyuki Asari</b> Nitta Corporation Nitta Moore Company/ Bartels Mikrotechnik
11:50-13:00	Break	
13:00-13:20	MEMS devices and applications by Omron	<b>Hidetoshi Nishio</b> Omron Corporation
13:20-13:40	MEMS for building automation technologies - towards green buildings	<b>Heinz-Peter Hippler</b> IVAM Microtechnology Network
13:40-14:00	MOEMS Based Advanced Light Control	<b>Dr. Steffen Sinning</b> Fraunhofer IPMS
14:00-14:20	Innovative materials for MEMS, example for successful cooperation between Germany and Japan	<b>Jörg Frömel</b> Fraunhofer ENAS Paderborn
14:20-14:40	Q&A	
14:40-15:00	Closing	<b>Heinz-Peter Hippler</b> IVAM Microtechnology Network