

Exhibition

Micromachine/MEMS

ROBOTECH

 messe frankfurt

March 2010

Press release

Exhibition Micromachine/MEMS 2010
ROBOTECH 2010
Tokyo International Exhibition Centre (Tokyo Big Sight)
28 – 30 July 2010

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ROBOTECH, exhibition on service robot manufacturing technology, will be launched as a part of MicroNano 2010!

The Exhibition on surface technology, SURTECH2010 will be held concurrently with Exhibition Micromachine/MEMS and ROBOTECH in 2010!

Synergistic effects are expected by concurrent holding of three exhibitions

MicroNano 2010, the leading event for the Micro / MEMS & Nano-technologies sector in Japan, will take place at Tokyo International Exhibition Centre (known as Tokyo Big Sight) from 28 –30 July 2010. Under the umbrella of MicroNano, “Exhibition Micromachine/MEMS 2010” and the brand new exhibition named “ROBOTECH” will be held together with several conferences and seminars. In addition, SURTECH will be held concurrently with MicroNano 2010.

Exhibition Micromachine/MEMS is one of the key highlight of the whole event of MicroNano. What makes the Exhibition Micromachine/MEMS so special among other events are its focus and visitors. The exhibition functions as a forum for information and technical exchange; a place where industry professionals can meet and discuss technological developments and other topics relevant to Micromachine, MEMS and Nano-technology sectors.

In 2009, while some exhibitions on manufacturing industry have decided to put off due to the global downturn in manufacturing, Exhibition Micromachine/MEMS 2009 attracted 252 exhibitors from

Exhibition Micromachine/MEMS
ROBOTECH
28 – 30 July 2010

March 2010

9 countries and regions and more than 12,000 visitors. More exhibitors bring the latest equipments and devices in actual and rather than panel display, as MEMS technology has started to be utilized practically in recent years. Quite a few new, energetic companies that are doing well in a sluggish economy presented their technology. Some of the technology and devices showed noticeable growth. For example, in 2009, the number of exhibitors with Nano-imprint related technology increased from 6 to 37 and the number of exhibitors with MEMS Foundary edged up 48 to 60 compared to the show 2008. The scope of applications for MEMS devices is expanding, and MEMS technology is receiving increasing attention in multiple industries. Showcasing wide ranges of devices and equipments of the Micro / MEMS & Nano Technologies, The exhibition 2010 will reflect the trend and what comes next in the industry .

A wide cross-section of applied technology, products, and production equipment and technology related to Micromachine/MEMS will be on display at the exhibition. Main product categories exhibited are listed below: MEMS process equipment, material, Nanoimprint technology, Modeling software, nano machining, microfabrication techniques, biotechnology, medical application, evaluation & testing equipments, MEMS device, MEMS foundry service and MEMS application. The visitors to the exhibition are professional and highly motivated to do business. So the exhibition provides good opportunities for the exhibitors to discuss and establish business relationship with visitors.

Exhibition Micromachine/MEMS is on its way to become global business platform in the sector. Significant progress of the exhibition 2009 was increasing internationalization of its participants. The rate of the overseas exhibitors, which is around 10%, marked the highest percentage in the 20 years history of the exhibition. There were exhibitors from Canada, Finland, France, Germany, Korea, Sweden, Switzerland and the USA.

Exhibition Micromachine/MEMS
ROBOTECH
28 – 30 July 2010

March 2010

As well as expanding their business, exhibitors and visitors can share the latest technology information and trends at technical seminars and special events held concurrently alongside the exhibitions. “MEMS World (International Micromachine/MEMS Symposium)”, “MEMS Forum”, “BEANS Project Seminar”, “Meeting for announcing the “fine MEMS Project”” and “Japanese-German Micro/Nano Business Forum” will be held under the umbrella event entitled “MicroNano 2010”.

In a new development, a newly launched exhibition on the service robot fabrication technology named “ROBOTECH” will be held alongside Exhibition Micromachine/MEMS in 2010. As service robot is a developing market where MEMS technology is heavily applied, the launch of a exhibition focusing on service robot manufacturing technology and the holding of the exhibition together with Exhibition Micromachine/MEMS will generate synergistic effects to each other.

Service robots will not only be employed at factories, offices and medical centers to compensate for the shrinking workforce, but also in households where they will function as partners, assisting in caregiving and household chores. The market for these activities is extremely broad, with enough growth potential to eventually join the country's key industries of automobiles and semiconductors. According to the market research and consulting firm Seed Planning, Inc., the market for service robots will expand by about 100 times from now until 2013 to 695 billion yen, and is expected to surpass the 2 trillion yen mark by 2016. The Japanese government is working to claim the prestige of a "great robot nation" by progressing with sweeping initiatives to accelerate the widespread use of service robots. Initiatives include developing technologies for basic components and systemization, as well as setting standards for safety.

Before a new era of intensified global competition arrives in the coming years, a place to exchange information among specialists in all related fields is needed now. Hence we launch ROBOTECH

Exhibition Micromachine/MEMS
ROBOTECH
28 – 30 July 2010

March 2010

to offer a business platform to realise further advances in technological development and action plans in this developing market. The new show is focus on manufacturing technology of service robots expected to utilize in the fields with high future growth potential, such as livelihood support, nursing care and medical treatment.

Both the exhibitions, that is to say Exhibition Micromachine/MEMS and ROBOTECH, are sponsored by Micromachine Center(MMC), a non-profit foundation authorized by Ministry of Economy, Trade and Industry (METI) Japan. MMC is dedicated to support the establishment of technological basis of future Micromachime/MEMS as well as to support the development of MEMS industries.

The organizer of the exhibitions is Mesago Messe Frankfurt Corp., which belongs to Messe Frankfurt group covering around 150 countries with 67 subsidiaries and representative offices. Messe Frankfurt group organizes approximately 100 trade shows worldwide every year. Mesago Messe Frankfurt Corp. has a long experience in Japanese market since 1987 and enjoys the reputation as one of the leading trade show organizers.

For more information, please visit www.micromachine.jp or email info@micromachine.jp.

In addition, SURTECH will be held concurrently with MicroNano in 2010. SURTECH organized by Surface Finishing Society of Japan is a specialized exhibition on surface technology such as thin coating, paint application and thermal process. Since its first appearance as “MET Show” in 1962, the exhibition has been served as a perfect meeting point among the professionals in the related industry. The previous show held on its own at Makuhari Messe arrtacted over 5,000 visitors. As both surface technology and micromachine and nano technology are used at the similar industrial field, holding SURTECH and MicroNano concurrently will also bring synergistic effects to each other.

Page 5

Exhibition Micromachine/MEMS
ROBOTECH
28 – 30 July 2010

March 2010

For more information, please email info@surtech.or.jp.

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