

Report on the 12th Micromachine Summit

The 12th Micromachine Summit was held over 3 days, from April 27 to 29, 2006, at the yellow-sand hazed Jiu Hua Spa & Resort on the outskirts of Beijing, China.

The summit was hosted by Tsinghua University and was attended by 88 delegates and observers from 17 countries and regions: Australia, Canada, China, France, Germany, India, Japan, the Republic of Korea, Singapore, Switzerland, Taiwan, the United Kingdom, the United States, the Benelux countries (Belgium, the Netherlands, Luxembourg), the EU, the Mediterranean region (Italy, Spain, Portugal, Greece), and the Nordic countries (Denmark, Norway, Sweden, and Finland). Japan was represented by a delegation of 16 – the largest ever for a summit held overseas – led by Professor Isao Shimoyama of the University of Tokyo as Chief Delegate.

Held over two days, April 27 and 28, the summit conference was chaired by Prof. Zhaoying Zhou of Tsinghua University. Altogether, an impressive 54 presentations were made in the 6 sessions: (1) Country/Region Review; (2) Strategy & Cooperation; (3) Infrastructures & Education; (4) Market, Industrialization & Standardization; (5) To Nano-Technology; and (6) Innovative Technology.

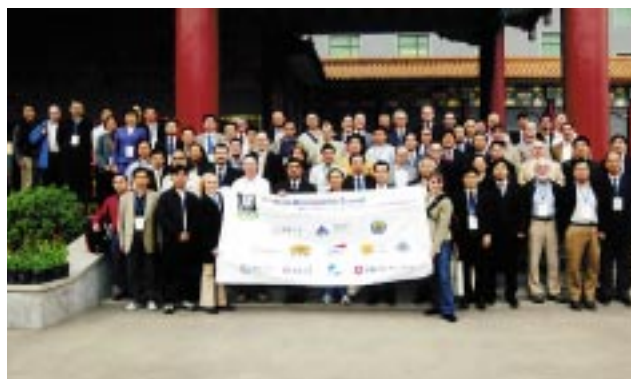
Japan made five presentations. The content of each and every one of these was excellent and received high praise from delegates of other countries; having acted as secretariat for the summit for a long time now, I am sure that there was renewed awareness among participating countries of Japan's position. In Session 1, Professor Shimoyama gave an outline of the Integrated MEMS Technology Development Project, which began this year, in his presentation entitled "Fine MEMS – upcoming MEMS project". In Session 4, Micromachine Center Executive Director Keiichi Aoyagi described the activities of the MEMS Industry Forum, which was established in April this year, in a presentation entitled "Towards advancement of MEMS industry in Japan". In Session 5, various businesses representatives described their companies' activities regarding MEMS and nanotechnology: Mr. Masaaki Terada, Director and Senior Executive Managing Officer of Olympus Corporation, spoke on "Nano-Bio MEMS technology for Medical Application"; Koichi Imanaka, Managing Officer and Senior General Manager of Research & Development H.Q. of Omron Corporation, spoke on "Micro and nano technology in Japan - example of OMRON Corporation-"; and Kazuhiko Tsutsumi, Manager of Imaging Technology, Mitsubishi Electric Corporation Advanced Technology Research and Development Center, spoke about

"Micro/nano technologies at Mitsubishi Electric Corporation".

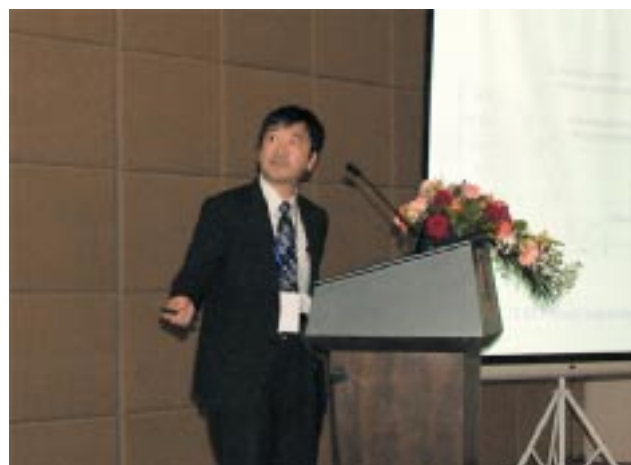
Tours of the beautifully illuminated Great Wall and Tiananmen Square were arranged for the evenings after the sessions concluded on both days, providing opportunities for participants to deepen friendships and rounding out two highly productive days.

A technology tour was held on April 29. The tour visited Tsinghua University and a bioventure business supported by Tsinghua University, Capital Biochip Corporation, ending the summit on a successful note.

The 13th Micromachine Summit is to be held from April 26 to 28 next year in Venice, Italy and Korea, Canada, the United Kingdom, and India have all expressed a desire to host summits in the future. High expectations are held for the summit as a place for international exchange regarding MEMS and nanotechnology, and I believe we should fully utilize it as such.



Summit Participants: in front of the summit venue, the Jiu Hua Spa & Resort



Japan's Chief Delegate: Presentation by Professor Isao Shimoyama of the University of Tokyo

<http://www.mmc.or.jp/kokusai/summit/summit.html>