



November 11-13, 2009
Station Hotel Kokura, Kitakyushu, Japan

ASPEN 2009

3rd International Conference of Asian Society for Precision Engineering and Nanotechnology

Organized by
Japan Society for Precision Engineering (JSPE)

Co-Organized by
Korean Society for Precision Engineering (KSPE)
Chinese Mechanical Engineering Society (CMES)
Chinese Precision Machine Society (CPMS)
Global Center of Excellence for Mechanical Systems Innovation (The University of Tokyo)
Global Center of Excellence for Atomically Controlled Fabrication Technology (Osaka University)

Abstract due April, 2009

First Call for Papers

About the Meeting

Asian Society for Precision Engineering and Nanotechnology (ASPEN) was organized as a union of academic and industrial societies in Asian nations and regions in order to promote network and collaboration of academic societies and researchers in Asia. Conference will be held every two years.

ASPEN 2009 will be the third ASPEN conference, starting from the first conference held in Shenzhen, China in 2005, and the second in Gwangju, Korea in 2007. The fourth conference is scheduled to be held in Hong Kong in 2011.

The first two days of the three-day conference will be dedicated to technical sessions focusing on ten technical fields. An exhibition will be held on the same floor with the technical sessions. A field trip to nearby industrial plants is scheduled on the third day.

Supporting Young Researchers' Network

As Asia is becoming the new industrial zone in the world, ASPEN 2009 will put special emphasis on supporting young researchers and their networks. Strong relationships between researchers of the next generation is crucial to the prosperity of Asian region. There will be a special session for young researchers to present their research activities and to exchange ideas for their future collaboration.

Conference Venue

The conference venue Kitakyushu is an international city with a population of one million, located in Kyushu Island, which is the westernmost island of the four major islands that constitute Japan.

Historically, Kitakyushu has been one of the major industrial zones that contributed to modern industrialization of Japan. Now Kitakyushu zone hosts several new automobile manufacturing plants along with hi-tech electronics and biotechnology companies.



ASPEN 2009 conference site

Station Hotel Kokura
1min. walk from JR Kokura Station
25min. from Kita-Kyushu Airport by taxi

Submission Instructions

Authors are invited to submit an extended abstract of 500 words or less in English. Figures cannot be attached to the abstract. Abstract must include title of the paper, authors' names, affiliation, phone and fax numbers, corresponding addresses and email addresses.

Abstract should be submitted via the website:

<http://www.nta-aps.jp/aps/ASPEN/>

Selected papers will be recommended to submit to distinguished international scientific journals. All manuscripts will undergo additional peer review by international experts.

Fields

1. Precision machining
 - micro/nano-precision, polishing, grinding, chemical mechanical polishing (CMP)
2. Non-traditional machining
 - ultrasonic machining, electric discharge machining (EDM), laser machining, beam machining
3. Die machining, CAD/CAM
 - CAD/CAM for dies, die machining
4. Machining control
 - control, monitoring, simulation
5. Machine tools
 - high feed rate, high speed spindles
6. MEMS/NEMS
 - micro-electromechanical systems, nano-systems
7. Mechatronics
 - mechatronics, sensors, actuators, robots
8. Measurement standard
 - calibration, standard, international comparison
9. Intelligent measurement
 - three-dimensional shape, scanning probe microscopy (SPM), measurement instruments
10. Optical measurement
 - laser, microscope, interference, image processing

Paper Deadlines

Abstract submission: **April 30, 2009**
 Abstract acceptance: **May 31, 2009**
 Draft papers: **July 15, 2009**
 Review notification: **August 15, 2009**
 Final papers: **September 15, 2009**

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Detailed information can be found at:

<http://www.jspe.or.jp/asp/asp2009/>