

Call for Papers

The 6th International Conference on Positioning Technology

Mechatronics and Measurement in Precision Technology

ICPT 2014

November 18-21, 2014

Kitakyushu International Conference Center,
Fukuoka, Japan



Sponsored by

Japan Society for Precision Engineering (JSPE)
(Technical Committee of Ultra Precision Positioning, JSPE)

Co-sponsored by

National Kaohsiung First University of Science and Technology (First Tech)
Korea Institute of Machinery and Materials (KIMM)

Participating Society

Chinese Institute of Automation Engineers (CIAE)
Institute of Electrical Engineers of Japan (IEEJ)
Korean Ministry of Science and Technology (MOST)
Society of Instrument and Control Engineers (SICE)

Chinese Automatic Control Society (CACS)
Japan Society of Mechanical Engineers (JSME)
Korean Society of Precision Engineering (KSPE)
Taiwan Fuzzy Systems Association (TFSA)

ICPT2014 aims to provide an atmosphere for researchers and engineers to discuss, exchange and expose ideas, methods and results in conventional, contemporary and future topics of mechatronics and measurement in precision technology. Following the 1st ICPT at Hamamatsu, Japan, in 2004, the ICPT has been bringing together people working in the field of precision positioning and related technologies at: Jeju-do, Korea (2006), Hamamatsu, Japan (2008), Busan, Korea (2010), and Kaohsiung City, Taiwan (2012). We are honored to host the ICPT2014 at Kitakyushu, Fukuoka prefecture, Japan.

Located at the northern coast of Kyushu island of Japan, the city of Kitakyushu, in Fukuoka prefecture, is the second largest city in Kyushu island with about a million population. Historically this region has played an important role as a transportation/information hub to connect Asian countries and Japan. The distance from Kitakyushu city to Dalian and Shanghai, China, or Taipei, Taiwan, is about the same as that to Tokyo, Japan. Busan, Korea, is just 200 km away from Kitakyushu. As well as its industrial side, the Kyushu region is also renowned by its beautiful nature.

An optional tour(s) to factories or companies related to precision technologies in the Kitakyushu region will be planned.

The conference venue, Kitakyushu International Conference Center, is located just five minutes away by walk from JR Kokura station. It takes about 5 hours from Tokyo to Kokura, about 2 hours from Osaka, by

the Shinkansen bullet train. Kitakyushu airport is located about 40 minutes away by bus from Kokura station. Fukuoka airport is located at the city of Fukuoka.

Topics

The conference themes include, but are not limited to:

- Actuators
- Assembly
- Applications
- Control methods
- Case studies
- Data processing
- Materials and Mechanism
- Modeling
- Mechatronics
- Nanotechnology
- Positioning Design
- Positioning system
- Positioning components
- Sensors and measurement Instruments
- Simulation

Language

English is the official language of the conference for all presentations and correspondence.

Abstract and Paper Submission

Authors should submit an abstract including the following: a) the title of a paper, b) author name(s) and affiliation(s), c) the corresponding author's name and title, d) his/her postal address, phone number, fax number and e-mail address, e) a 300-word abstract including brief backgrounds, objectives, methods and

results, f) several keywords, and g) a presentation type (oral or poster). The inclusion of figures in the abstract is not recommended. Papers, which have been published in another form elsewhere in either English or any other languages, are also welcome if they are reconstructed from new aspects.

The program committee will evaluate your proposals. Due to limited speaker slots, some papers may be accepted as poster presentations. All abstracts accepted will require one or more of the authors to attend the conference for the presentation.

Conference website: <http://icpt2014.jspe.or.jp/>

Important Dates

- The deadline of the abstracts is **June 30, 2014**.
- Acceptance letters and author's kits for a camera-ready manuscript will be sent by **August 25, 2014**.
- Early registration deadline, **September 15, 2014**.
- Final camera-ready manuscripts for accepted papers must be sent by **September 25, 2014**.

Publication

The camera-ready manuscript should be in **2 to 6 pages**. They will be published in the conference proceedings.

Selected papers will be considered for the publication in a journal of Japan Society for Precision Engineering based on the usual review process. The program committee does not prevent authors from submitting to International Journal of Automation Technology, Compendex (EI), Scopus.

Abstract and camera-ready manuscript must be sent by e-mail to:

Chair of Program Committee
Prof. Kenji Kawashima
Institute of Biomaterials and Bioengineering, Tokyo
Medical and Dental University
E-mail: icpt.bmc@tmd.ac.jp

Schedule

November 18 : Welcome reception
19 : Conference meeting and banquet
20 : Conference meeting
21 : Factory tour

Factory tour

The conference will offer a post-conference Factory tour on November 21, 2014 to factories nearby.

- Yaskawa Electric Corp., Yahata-nishi Plant
- THK Co., Ltd., Yamaguchi Plant

More details on the Factory tour will be posted on the conference web site. The registration for the tour can be done also on the conference web site. The registration deadline for the tour is October 1, 2014. The tour schedule may be subject to change.

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Participation Fee

For registration earlier than Sep. 15, 2014, the participation fee is 25,000 Japanese Yen (JPY) for regular participants. This includes the registration, proceedings, and the banquet. For students, the participation fee is JPY 5,000 (banquet is not included). For later registration, the participation fee is JPY 30,000 for regular participants, and JPY 10,000 for students. For additional information, see the table below.

	Early registration (before Sep. 15, 2014)	Regular registration (after Sep. 15, 2014)
Regular Participant	JPY 25,000	JPY 30,000
Student (w/o Banquet)	JPY 5,000	JPY 10,000
Factory tours	JPY 5,000	
Additional presentation (regular participant)	JPY 5,000/presentation	
Additional presentation (student)	JPY 5,000/presentation	
Banquet (for students and accompanying guests)	JPY 7,000	

For more information, please contact:

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