

Second Call for Papers

ISPMM'2006

International Symposium on Precision Mechanical Measurements

August 2-6, 2006

Urumqi, Xinjiang, China

Sponsored by



International Committee on Measurements and Instrumentation (ICMI)



National Natural Science Foundation of China (NSFC)



Chinese Society for Measurement (CSM)

Organized by



Hefei University of Technology (HFUT)

Co-organized by



Department of Mechanical Engineering
National Taiwan University (Taiwan, China)



Center for Precision Nanosystems
Tohoku University (Sendai, Japan)

The International Symposium has been held successfully in 2002 and 2004, in Hefei and Beijing. Now, the third ISPMM'2006 will be held in Urumqi, the capital of Xinjiang Uygur Autonomous Region, next year. The Symposium includes two stages:

- 1 General report, poster report (2-days);
- 2 Discussion, communication, visit and tour (2-days).

THE SUBJECT AND THE MAJOR TOPICS

The theme of International Symposium on Precision Mechanical Measurements is 'New Century, New Technology and New Development'. The main purpose of this symposium is to promote the academic communication among the experts and the scholars all over the world in the field of precision measurements in mechanical engineering, and exhibit to the participants the recent research focuses, the newest productions and the developing trend in this field. The major topic areas included (but no limited) in the program of the Symposium are the new technologies as follows:

- Length Measurement
- Coordinate Measurement
- Form and Position Measurement
- Angle Measurement
- Topography Measurement
- Displacement Measurement
- Nanometer Measurement
- Vibration Measurement
- Strain and Stress Measurement
- Thermal Measurement
- Theory and Simulation of Measurement

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PAPERS

The ISPM2006 proceedings will be published by the SPIE and post online in SPIE's Digital Library. The EI Compendex indexes SPIE papers on a select basis.

IMPORTANT DATES

Submission of abstracts February 10, 2006
 Notification of abstracts March 10, 2006
 Submission of manuscripts April 10, 2006
 Notification of manuscripts May 10, 2006
 Date of Symposium August 2-6, 2006

SUBMISSION OF ABSTRACTS

Each author is requested to submit a one-page abstract about 500 words of unpublished paper in A4 page format. The abstracts should introduce new results and achievements of the research in the indicated fields. Research aim, principles, methods, key

techniques, essential equations, results and conclusions should be included in the abstracts.

Each abstract should include the title of the paper, names of the author and co-authors, address, phone/fax number or E-mail address. Submissions of abstracts and papers should be sent to following address by mail or E-mail:

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OFFICIAL LANGUAGE

The official language is English. All the abstracts and papers will be in English.

POST-SYMPOSIUM TOUR

Day 1 (Aug.5)

The day tour mainly focuses on the Tianchi (Heaven) Lake. It is situated on north side of Bogda Peak of Tianshan Mountains.

Tianchi Lake is an alpine drift lake shaped in the Quaternary



The Tianchi Lake of Tianshan Mountains

Glacier period. Northern bank of the lake is a natural dike that is a moraine ridge. Tianchi Lake is a world famous alpine drift lake, which was listed by the State as one of the key scenic spots in 1982. The Tianchi Lake scenic area can be divided into four

natural view belts: lower mountain belt, mountain coniferous forest belt, alpine and subalpine belt, and ice and snow belt. Another attractive scenic spot is Bogda Peak, which is covered by ice and snow all the year round and thus like wearing a body armor, so ancient Mongolians thought that this was "God" and named it "Bogda". It attracted many climbers from all over the world.

Day 2 (Aug.6)

The day's tour is composed of 4 main scenic spots:

The Ancient City of Gaochang lies at the foot of the Flaming Mountain 40 kilometers southeast of the Turpan County seat, which has been a only passageway for communication between the



The Ancient City

East and West since the Han Dynasty and Tang Dynasty, and an important section of the ancient Silk Road.

Flaming Mountains is situated in the north of Turpan Basin. Along the Turpan-Shanshan road there are red mountains about 100 km long. These mountains stretch in a east-west direction, and are about 10 km wide from south to north and 500 m above sea level. The highest peak is 850 m in height. It is famous for its high temperature in summer season. It was said that at the top of the mountain the air temperature is as high as 80°C. Under the strong sun, thermal air current rises, and the red sand rock gives out red light just like fire, so the mountains are named Flaming Mountains.

Grape Valley is situated in a canyon, west side of Fire Mountain and 15 km northeast of the seat of Turpan County. It is 8 km long and 500 m wide. On either side of the valley are grape trees. Here a modern grape wine plant has been established producing various

kinds of grape wine and grape cans. White grape wine produced here boasts a nice taste and is popular with both Chinese and foreign guests. After experiencing the fierce heat of Flaming Mountains, taking a rest here and enjoying some grapes will give you a absolute relax.

Karez Well is a kind of underground water supply system invented by ancient native people to struggle the dry environment weather. In Xinjiang, Karez Wells were mainly built in Turpan Basin, where there are altogether 1100-odd Karez wells and have the total length of over 5000 km. Some people hold the view that Karez Wells of Xinjiang, the Great Wall and Canal constitute three Ancient Chinese Works.

REGISTRATION FEE (in US dollars)

1. Symposium registration fee for each paper-presented author is \$300, for companions and students is \$240.
2. Publication fee: \$100 for each paper.
3. Hotel Information :
During the symposium, the hotel is (To be announced). Room rate (including breakfast, service and tax) is \$50/day (standard two-bed room in a 4-star hotel).

Notes:

1. The symposium registration fee includes: all meals, Symposium banquet, Proceedings (CD and SPIE hard copy), and the two-day post-symposium tour.
2. Each registration fee is allowed for maximum two papers presentation.
2. The post-symposium tour includes traffic fees, service charge, insurances and all tickets.

EARLY REGISTRATION FORM

To register for ISPM2006, please complete the form below and send to the Organizers by mail, Email or Fax, copy is acceptable

REPLY TO

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