

First Call for Papers

The 7th ISPEMI 2011

7th International Symposium on Precision Engineering Measurement and Instrumentation

**August 7-11, 2011
Lijiang, Yunnan, China**



The Earthly Paradise—Lijiang Ancient Town

Sponsored by



International Committee on Measurements and Instrumentation (ICMI)



National Natural Science Foundation of China (NSFC)

Organized by



Hefei University of Technology (HFUT)

Co-organized by



SPIE



Beijing Information Science and Technology University



National Taiwan University (NTU)



Harbin Institute of Technology (HIT), China

HISTORY OF THIS CONFERENCE

International Symposium on Precision Engineering Measurements and Instrumentation (ISPEMI) is an international symposium held every year in different cities of China with English as its official language since 1999.

Prior to ISPEMI 2010, there were two international symposia held separately, one was International Symposium on Precision Mechanical Measurement (ISPMM), and the other was International Symposium on Instrumentation Science and Technology (ISIST). In order to make the subject areas of these two international symposia more precise, specific and interdisciplinary, the two organizing committees decided to merge them into one, and refer it as International Symposium on Precision Engineering Measurements and Instrumentation (ISPEMI) from ISPEMI2010 onward.

The conference has been held before:

- a) ISPEMI2010 in Hangzhou, China
- b) ISPMM 2002 in Hefei, ISPMM 2004 in Beijing, ISPMM 2006 in Xinjiang and ISPMM 2008 in Hefei
- c) ISIST 1999 in Luoyang, ISIST 2002 in Jinan, ISIST 2004 in Xi'an, ISIST 2006 in Harbin and ISIST 2008 in Shenyang

SCOPE OF THE CONFERENCE

The 7th ISPEMI 2011 aims at providing an opportunity for both young and senior professionals working in the field of precision engineering measurements and instrumentation both inside and outside China to present and share their work and serve the purposes of promoting academic exchanges between Chinese and overseas research workers, advancing cooperation programs between Chinese and foreign universities and research institutes, and helping its attendees develop their knowledge of the most recent advances in this particular field. The topics of ISPEMI2011 include but not limited to

- Measurement theory and methodology
- Precision Theory & Uncertainty Evaluation
- Optoelectronic System and Optical Instruments Design
- Modern Optics and Instruments for Precision Measurement
- Micro/Nano Coordinate Measurement and Instrumentation
- Optical Super Resolution Measurement for Nano/micro Devices
- Machine Vision and Image Processing
- Surface Measurement and Characterization
- Deformation and Strain Measurement
- NDT and instrumentation
- Pre-, In- and Post-Process Measurement
- Measurement Signal Analysis & Processing
- Quality Engineering Theory & Technology

PAPERS

The conference papers will be published in SPIE and cited by Engineering Index (EI). Only papers presented will be included in the proceedings.

IMPORTANT DATA

Submission of abstracts	30 Dec. 2010
Notification of abstract acceptance	10 Feb. 2011
Submission of Full Papers	30 Mar. 2011
Notification of Full Paper acceptance	10 May 2011
Submission of edited English (if request)	10 June 2011
Date of Symposium	7-11 Aug 2011

OFFICIAL LANGUAGE

The official language is English. All the abstracts should be in English

SUBMISSION OF ABSTRACTS

The authors are required to submit a short 200- words abstract that will be presented in the Final Full-Length Paper, and a 500-words structured extended abstract on A4-size pages to facilitate review and evaluation. The structured extended abstract can be up to three pages in length and should have research aims, principles, methods, key techniques, essential equations, figures, results and conclusions in the indicated fields.

Each abstract should include the title of the paper, names of the authors and principle co-authors, address, phone/fax number and E-mail address. The abstracts are submitted to the following address by post or E-mail:

Ms. Song Man
ISPEMI2011 conference secretariat
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Tel: (+86) 551-2904550, Fax: (+86) 551-2901508
Mobile: +86 15205514061
Email: ispemi2011@hfut.edu.cn and ispemi2011@hotmail.com
ISPEMI2011 website: <http://ispemi.hfut.edu.cn>

REGISTRATION FEE

Before 1 July, 2011:

360 Euro per delegate
300 Euro for the student

After 1 July, 2011

400 Euro per delegate
340 Euro for the student

The Registration Fee includes the cost of one paper publication and post-symposium visit.

SPECIAL SESSIONS

The ISPEMI2011 is also calling for special sessions, which should focus on a particular issue within the scope of precision engineering measurements and Instrumentation. A special session should be different from the normal sessions conducted in every conference in the past.

People who wish to organize a special session should submit a proposal to the chair for special sessions before February 1, 2011. Proposals should include:

1. Title of the special session
2. A description of the research area of the special session.

VENUE

Lijiang is a beautiful shining jewel on the Northwest Yunnan Plateau neighboring the southeast side of the Tibetan Plateau which is considered to be the "Roof of the World". It is impressive because of its scenery and lush vegetation.

Lijiang boasts of breath-taking wonderful sights such as Jade Dragon Snow Mountain and its modern maritime glacier, the only one of its kind in the southern end of the Northern Hemisphere; Tiger Leaping Gorge; the world - famous grand canyon; Lugu Lake, the cultural cradle of the "Matriarchy" of the Yongning Mosuo people in Ninglang. Lijiang Town is officially called "Dayan Town"—— "Dayan" literally means a "great inkstab", a graphic description of the town's location on a piece of rich flatland fed by a river and surrounded by green mountains. There is no other town in China like Dayan which incorporates the folkways of so many people and the architectural styles of both north and south China.

The people of Naxi, while developing their land of snow-clad mountains and turbulent rivers since ancient times, have to their credit the "Dong Ba Culture" seen as one of the world wonders, a culture all-embracing while unique.

All these natural sceneries and these cultural treasures of the minority peoples have been continuously drawing tourists from all over the world and have recently vote Lijiang as one of the favorite destinations in China



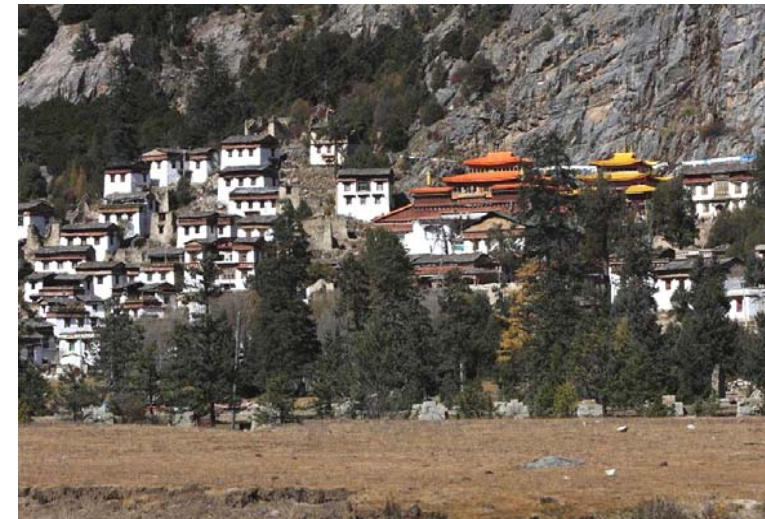
The night view of Lijiang town

POST-SYMPIOSIUM TOUR

The post-symposium tour covers the two-day sightseeing around Lijiang town, Jade Dragon Snow Mountain and Shangri-La



Jade Dragon Snow Mountain



Shangri-La Tibetan village