

11th IMEKO Symposium LMPMI 2014

Laser Metrology for Precision Measurement and Inspection in Industry

Call for Papers

September 2nd – 5th, 2014

Tukuba International Congress Center (EPOCHAL TSUKUBA)
Tsukuba, JAPAN

Organized by

National Metrology Institute of Japan (NMIJ, AIST) and
Technical Committee for Intelligent Nano-Measure, JSPE

In association with

International Measurement Confederation (IMEKO)
Technical Committee TC14 Measurement of Geometrical
Quantities, IMEKO



In cooperation with

The Japan Society for Precision Engineering (JSPE)
Japan Optical Measuring Instruments Manufacturers' Association
Japan Precision Measuring Instruments Manufacturers Association

Scope

The objective of this symposium is to gather scientists and engineers working in the field of laser metrology and provide a forum for discussion for exchanging points of view and experience and sharing research results through high quality peer reviewed papers. It targets the broad area of lasers and optical metrology with applications ranging from macro and micro to nano-engineering. These include specific applications in aerospace, automotive and transport, medical, photonics, manufacturing and defense. We invite you to make your plans to attend the technical and the social programs of LMPMI 2014 and have a memorable stay in Science City Tsukuba.

Topics of the conference includes

1. Laser Based Dimensional Measurement
2. Precision Optical Metrology
3. Active Vision/Metrology
4. Micro-Meso-Nano-Metrology
5. Thin Film Metrology
6. Ultrafast Laser Metrology
7. Spectroscopy and Spectral Metrology
8. Photomechanics
9. Holographic and Speckle Techniques
10. Laser-Based-Non-Destructive Testing
11. Shape Measurement / Reverse Engineering
12. Resolution Enhancement Techniques
13. Interferometric and Diffractive Methods
14. Optical Measurement Standards and Calibration

Important Dates

1st Call for Papers	October 31, 2013
Abstract submission deadline	March 15, 2014
Abstract acceptance confirmation	March 31, 2014
Proceedings submission deadline	April 30, 2014
Proceedings acceptance confirmation	May 30, 2014
Registration commencing date	March 1, 2014

Abstract Submission

We invite you to submit your original, unpublished papers in the fields mentioned under the Topics listed above.

The authors of papers/posters are requested to submit an abstract of max. 500 words including

- 1) Title of the paper and/or poster
- 2) Information about Your and Co-Authors Names
- 3) Information about Affiliation, Full Address and Corresponding Authors Email
- 4) Enough details to clearly convey the approach and the results of the research

You can download the available abstract template in the symposium website.

Registration fees

	Before June 30	July 1 to Aug. 22	On-site
Full registration fee	55,000 JPY	65,000 JPY	70,000 JPY
Extra manuscript	40,000 JPY	40,000 JPY	40,000 JPY
Accompanying person	25,000 JPY	25,000 JPY	25,000 JPY

Venue

Tsukuba is located 50 km from Tokyo, and it takes only 45 min. by Tsukuba Express Railway (TX). This city was built only 50 years ago in order to form a high-level scientific and educational area. Now, Tsukuba is a world-class science city where nearly 18,000 researchers at a total of nearly 300 government and private research organizations engage in scientific and technological research. This city also has historic area such as Mt. Tsukuba at the north which has old shrine on the top of it, and richly endowed with nature.

Conference Chairs

Albert Weckenmann (IMEKO TC14 Chairman) Toshiyuki Takatsuji (NMIJ, Japan)

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