

# 6th High Level Expert Meeting Asphere Metrology

## Veranstaltung - 6th High Level Expert Meeting Asphere Metrology

|              |                                                 |
|--------------|-------------------------------------------------|
| <b>Titel</b> | 6th High Level Expert Meeting Asphere Metrology |
| <b>Wann</b>  | Di, 12. November 2013 - Do, 14. November 2013   |

## Beschreibung

### 6th High Level Expert Meeting Asphere Metrology

In several preceding workshops and High Level Expert Meetings (HLEM), asphere and free form metrology, supported by two round robin test measurements, has been presented and discussed within the international community (Please follow [this link](#) for a retrospect to previous events). This year's HLEM is dedicated to the presentation, discussion and dissemination of new developments and recent scientific results in asphere and free form metrology for reflective and transmissive surfaces.

Authors who intended to give a presentation had the chance to specify the title and the topic from the list below, together with a 200 words abstract in English. By following links you can find the [Call For Papers](#), the [flyer](#), the [detailed programme](#) as well as other related content in our [download area](#).



The image shows the preliminary programme for the 6th High Level Expert Meeting 2013 on Asphere Metrology. It is a detailed schedule spanning three days: Wednesday (12 November 2013), Thursday (14 November 2013), and Friday (15 November 2013). The programme is divided into sessions, including plenary sessions, technical sessions, and a conference dinner. Key topics include: Measurement of High End Aspheres, Calibration Techniques for Asphere Metrology Systems, Metrology Artefacts Suitable for Calibration, Measurement of Off Axis Aspheres and Free Form Surfaces, Design of Aspheres in Consideration of Manufacturing Restrictions, Structured Analysis of Manufacturing Errors and Resulting Effects, and New Fields of Applications and New Technologies. The programme also lists speakers, topics, and times for each session.

Topics of particular interest are:

- New methods and tools for the highly accurate measurement of aspheres
- Measurement of high end aspheres
- Calibration techniques for asphere metrology systems
- Metrology artefacts suitable for calibration
- Measurement of off axis aspheres and free form surfaces
- Design of aspheres in consideration of manufacturing restrictions
- Structured analysis of manufacturing errors and resulting effects
- New fields of applications and new technologies

- Other topics relating to asphere and freeform metrology and manufacturing

The submitted papers were divided by HLEM Programcommittee and will be presented in following sessions:

- Single Point Measurement
- CGH
- Deflectrometry / Raytracing
- Interferometry
- Others / Standardization

#### Organizational Details

- **Overview Deadlines**

Abstract Due Date: 12 June 2013 (done)

Decision on the acceptance of contributions: 26 June 2013 (done)

Abstract Due Date: 12 October 2013 (Extended 30 October 2013)

- **Dates of Conference:**

Registration deadline: 4 November 2013 (Lecturers also must register!)

Hotel Contingent deadline: 14 October 2013!

Conference: 13 + 14 November 2013

Get together: 12 November 2013 ; Start:19:00

Conference Dinner: 13 November 2013; Start:19:00

- **Conference language:**

english

- **Attendance fee:**

Lecturers: 150,- EURO (1st person)

Members: 150,- EURO

Non-Members: 525,- EURO

After your registration you will receive a invoice. Please pay the fee in advance after receiving the invoice.

Please register by using the registration form of [announcement flyer](#).

- **Registration:**

Please register by letter, fax or E-mail using the registration form of announcement flyer.

You´ll find our [flyer HERE](#). Please note **Registration deadline is: 4 November 2013**

- **Travel:**

For your travel by train with "Deutsche Bahn" you can use a special offer.

Please check the price and use for booking the phone number in [this document](#).

(You´ll need Credit Card and code word "CB Braunschweig")

Do you travel by plane via Hannover?

U can use a special transfer service.

Additional information you will find by [following this link](#).

Do you need any general information? Don't hesitate to [contact us directly](#).

- **Travel in Braunschweig:**

If you like to receive more information to travel in Braunschweig.

U can use this [journey planner](#)

- **Accommodation:**

**Attention! Number of hotel rooms is limited**

Due to trade show "Agritechnica" in Hannover during or HLEM, only a limited capacity of hotel rooms is available. We already reserved a contingent for HLEM-participants. The contingent **was** available until 14 October 2013! A few rooms are still available (without reduced contingent price). Try to request accommodation in following hotels. Please use [this document](#) to see contact details of hotels. If we can support you in finding a accommodation please let us know my e-mail.

Details for recommended Accommodation Hotel No. 2 you will find by following link:

<http://germany.nethotels.com/info/braunschweig/events/highlevel/default.htm>

- **Locations:**

Conference takes place in:

Address: [PTB's Seminar Center](#);

Bundesallee 100, 38116 Braunschweig, Germany

Get together takes place at:

**Tuesday; 12 November 2013; Start: 19:00;** in Restaurant "Friedrich" in Braunschweig.

Please bring your name badge as admission ticket with you.

Address: [Friedrich - Restaurant & Biergarten](#)

Am Magnitor 5; 38100 Braunschweig; Germany

Phone No.: 0049-531-120 177 90

Find more information of [venue here](#).

Conference Dinner takes place on:

**Wednesday; 13 November 2013; Start: 19:00;** in Restaurant "Gastwerk" in Braunschweig.

Please bring your name badge as admission ticket with you.

Address: [Gastwerk in Panther BusinessCenter](#)

Mittelweg 7; 38106 Braunschweig; Germany

Phone No.: 0049-531-237 1200

Find more information of [venue here](#).

- **Contact:**

CC UPOB e.V. c/o PTB; Mr. Heiko Klawitter; Bundesallee 100; 38116 Braunschweig; Germany;

Tel.: +49 531 592-5131; Fax.: +49 531 592-69-5131; <mailto:info@upob.de?subject=Question%20concerning%206th%20HLEM%202013>

## Lokalität - Physikalisch-Technische Bundesanstalt (PTB)

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|---------------------|-------------------------------------------------------------|
| <b>Standort</b>     | <a href="#">Physikalisch-Technische Bundesanstalt (PTB)</a> |
| <b>Straße</b>       | Bundesallee 100                                             |
| <b>Postleitzahl</b> | 38116                                                       |
| <b>Ortsname</b>     | Braunschweig                                                |
| <b>Bundesland</b>   | Niedersachsen                                               |
| <b>Land</b>         | DE                                                          |
| <b>Webseite</b>     | <a href="http://www.ptb.de">http://www.ptb.de</a>           |