



Kompetenzzentrum
Ultrapräzise
Oberflächen-
bearbeitung e.V.

6th High Level Expert Meeting Asphere Metrology



**1st Announcement
and Call for Papers**

**November 12th - 14th, 2013
at Physikalisch-Technische
Bundesanstalt, Germany**

Organized by: Kompetenz Centrum Ultrapräzise
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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.

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.

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

Also welcome are:

- 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

Authors who intend to give a presentation should specify the title and the topic from the list above together with a 200 words abstract in English.

Abstract Due Date: June 12, 2013

Decision on the acceptance of contributions:

June 26, 2013

Extended Abstract Due Date:

October 12, 2013

Date of HLEM:

November
12-14, 2013