



Program Preview

HLEM 2023 - Asphere Metrology on Joint Investigations

March 28-29, 2023

Presentations Round Robin

HLEM 2023 - Opening and Overview

*Harald Bosse
CC UPOB e.V., Germany*

Introduction to HLEM 2023 –
Short Overview on Samples and Background of Measurements

*N.N. Name
CC UPOB e.V., Germany*

Precision Measurement of Small Optics Including Relational
Datum Parameters by use of a Scanning Point

*Marc Wendel
AMETEK GmbH BU Taylor Hobson, Germany*

Panasonic UA3P: UPOB Sample Results –
Technical News About the UA3P System

*Tomofumi Morishita
Panasonic, Japan*

Centration Measurements of Double-Sided Aspheres

*Andreas Kerkmann
Trioptics GmbH, Germany*

Capabilities of Multi-Sensor Technologies for the
Measurement of Molds and Complex Optics

*Mario Fischer
Mahr GmbH, Germany*

Round Robin HLEM 2023 –
Measurement of Aspheric Lenses by New VSPOT Technology

*Ronald Kometer
Hofbauer Optik Mess-& Prüftechnik, Germany*



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Recent Measurements on Aspherical Test Samples

*Cord Brüggemann
Fisba AG, Switzerland*

Comparison Results of Form and Inner Centration Measurements of
Double-Sided Aspheres

*Ines Fortmeier
Physikalisch-Technische Bundesanstalt, Germany*

Presentations Additional Topics

Data Transport in the Production Chain of Freeform Optical Components

*Andreas Beutler
Mahr GmbH, Germany*

YSA 2023 – 5th Young Scientist Award 2023 - Talks of Candidates

*Nominated Speakers from different institutions
Moderation by N.N Name
N.N., Germany*

YSA 2023 – 5th Young Scientist Award 2023 - Ceremony

*Moderation by N.N Name
N.N., Germany*

European Metrology Network for Advanced Manufacturing

*Harald Bosse
Physikalisch-Technische Bundesanstalt, Germany*



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Presentations Additional Topics

Plasma Jet Polishing of Freeform Optics

*Thomas Arnold
Leibniz Institute of Surface Engineering – IOM, Germany*

Metrology in Additive Micro-Optic Fabrication

*Joshua Trapp
Universität Stuttgart – ITO, Germany*

Simple Centering Technology on Aspheres –
Also Double-Sided

*Engelbert Hofbauer
Hofbauer Optik Mess- & Prüftechnik, Germany*