

# Agenda

**Location**  
Hotel Freizeit Inn  
Dransfelder Str. 3 | 37079 Göttingen

**Date**  
October 7 – 8, 2025



## Topics Day 1

### Tribological Models and Metrology of High-Performance Surfaces

10:00 – 10:20 a.m.	Welcome	<b>Manuel Hüskén</b> CEO / Chairman of the Board – Carl Mahr Group
10:20 – 11:00 a.m.	Do we truly understand surface roughness from a tribological point of view?	<b>Prof. Dr. Matthias Scherge</b> Director of the Mirko Tribology Centre µTC
11:00 – 11:20 a.m.	Break	
11:20 – 12:00 a.m.	Polish Grinding as a finishing process for modern high-performance gear systems	<b>Dr. Maximilian Zimmer</b> Reishauer AG
12:00 – 12:45 p.m.	Surface topography as a material property	<b>Prof. Lars Pastewka</b> Uni Freiburg
12:45 – 1:30 p.m.	Lunch break	
1:30 – 2:15 p.m.	Between height and curvature – How reliable is surface topography data?	<b>Prof. Dr.-Ing. Jörg Seewig</b> RPTU Kaiserslautern-Landau
2:15 – 3:00 p.m.	Optical metrology bridging length scales: Combined spatial and spectral surface analysis	<b>Boris Brodmann</b> Senior Technologist, Mahr GmbH
3:00 – 3:30 p.m.	Break	
3:30 – 4:15 p.m.	Traceability of measurements of surface characteristics	<b>Dr. habil. Dorothee Hüser</b> PTB – German National Metrology Institute
4:15 – 4:45 p.m.	Break	
4:45 – 5:30 p.m.	Panel discussion – Measurement process between standards and innovation	<b>Peter Ebert</b> InVision - TeDo-Verlag
from 7:00 p.m.	Evening event	

# Topics Day 2

## Measurement of High-Performance Surfaces in Industrial Practice

09:00 – 09:15 a.m.	Keynote	<b>TBD</b>
09:15 – 09:45 a.m.	Metrological requirements for sealing systems	<b>Jan Stüven</b> Trelleborg Sealing Solutions Germany GmbH
	Considerations on the influence of the topography of steel surfaces on the tribology of ball joints.	<b>Dr. Jürgen Gräber</b> fmr. ZF Friedrichshafen AG
	Requirements for the grinding processing of calender rolls to produce battery films	<b>Dr. Marcus Queins</b> Heinrich Georg GmbH Maschinenfabrik
09:45 – 10:15 a.m.	Break	
10:15 - 10:45 a.m.	Tool tribology – Optimizing chip flow in cutting tool grooves	<b>To be announced</b>
	Save costs with the right measurement process. How machine capability benefits from the correct selection of the measurement method.	<b>Prof. Dr. Stephan Sommer</b> TH Würzburg-Schweinfurt
	Application of optical methods for tribological systems using the example of the cylinder bores	<b>Prof. Dr. Ing. Habil. Matthias Eifler</b> IU International University
10:45 – 11:15 a.m.	Break	
11:15 – 12:00 a.m.	Discussion forum – Conclusion	<b>Peter Ebert</b> InVision - TeDo-Verlag
12:00 – 12:15 a.m.	Closing words	<b>Kai Meine</b> Global Head of Sales Optical Technologies, Mahr GmbH



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