

***A. HAAS***

GrindDialog: 09.-10. November

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## Thursday, 09. November

Dialog	Leading Minds	
from 09:30	Welcome	Adelbert Haas GmbH
10:00 - 10:30	Ultrasound-assisted grinding of metallic materials.	M. Sc. Patrick Georgi Institute for Machine Tools   University of Stuttgart
10:30 - 11:00	Optimization through Digitalization - Process Support in Milling Cutter Grinding.	M. Sc. Christian Wrobel Tyrolit Schleifmittelwerke Swarovski AG & Co K.G.
11:00 - 11:30	Engineered Grinding Wheels: Development of Specialized Grinding Wheels to Increase Performance.	PD Dr.-Ing. habil. Benjamin Kirsch Institute for Manufacturing Technology and Production Systems   RPTU of Kaiserslautern
11:30 - 12:00	Optical Precision Components: Automated Manufacturing.	Gregor Kyburz Kyburz Sapphire, Switzerland
12:00 - 13:00	Lunch	
13:00 - 13:30	Grinding Machining of Solid-Head PCD Drills.	M. Sc. Felix Dücke Institute of Production Engineering and Machine Tools   Leibniz University Hannover
13:30 - 14:00	Potential for Material-Specific Design and Optimization of Grinding Processes.	Dr.-Ing. Tobias Hüsemann Leibniz Institute for Materials-Oriented Technologies   Bremen
14:00 - 14:30	The Intelligent Virtual Grinding Expert: The Ideal Support for the Entire Process Design.	Prof. Dr.-Ing. Bahman Azarhoushang KSF - Institute for advanced manufacturing   Furtwangen University
14:30 - 15:00	Efficient Manufacturing - A Strategy Against the Skilled Worker Shortage?	Prof. Dr. Wilfried Saxler Fachverband der Präzisionswerkzeugmechaniker e.V.
15:00 - 15:30	Intelligent Process Execution with Sensing Tools in Precision Grinding.	M. Sc. Arvid Goldau Präzisionstechnologien GoldAU GmbH
15:30 - 16:00	Best Practice: Complex Workpieces and Their Implementation in the Experimental Field.	Dipl.-Ing. Sven Erik Holl Günter Effgen GmbH
from 16:00	Company tour	Adelbert Haas GmbH
from 18:00	Get-together	Registration is requested

## Friday, 10. November

Dialog	Leading Minds	
from 09:00	Welcome	
09:30 - 10:00	Precision Correction of the Grinding Process through Integration of Design, Grinding Machine, and In-Process Measurement Systems.	Christopher Morcom Werth Messtechnik GmbH
10:00 - 10:30	Speed-Synchronous Grinding of 2D and 3D Non-Circular Geometries for Mass Production.	Univ.-Prof. Dipl.-Ing. Dr. techn. Franz Haas Institute of Production Engineering   TU Graz
10:30 - 11:00	Process Optimization through More Efficient Grinding.	Joachim Himmelsbach Erwin Junker Maschinenfabrik GmbH
11:00 - 11:30	Current Developments in Process Monitoring for High-Speed Internal Cylindrical Grinding Using a Sensor-Integrated Tool Holder.	Dr.-Ing. Monika Kipp Institute of Machining Technology   TU Dortmund
11:30 - 12:00	Cooling Optimization   Improvement of Productivity and Energy Input.	Martin Zeller Bass Technik für Gewinde GmbH
12:00 - 13:00	Lunch	
13:00 - 13:30	Smart Manufacturing Metrology: 5 Steps to Fully Automated Tool Inspection.	Kevin Mathy Bruker Alicona Messsysteme
13:30 - 14:00	Paperless Factory.	Timo Renz Groz-Beckert KG
14:00 - 14:30	Influence of the Carrier Body Behavior on the Grinding Process - Sensor-Integrated Systems for Adaptive Grinding Processes.	Uni. Prof. Dipl.-Ing. Dr. techn. Friedrich Bleichert Institute of Production Engineering and Photonic Technologies   TU Wien
14:30 - 15:00	Punching Tools from the Smart Factory - Automated Grinding.	Lena Dörfler & Michael Gerstmayr TRUMPF WERKZEUGMASCHINEN SE + Co. KG
from 15:00	Closing Remarks	
		Adelbert Haas GmbH

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