

# SCHLEIFTAGUNG

**Cylindrical/ Non-Circular grinding: Processes, Developments, Results**

**28./29. January 2020 in Stuttgart-Fellbach**

## **Preliminary Program**

### **Hard fine machining of ceramic materials for high performance applications**

Georg Gerlitzky, Oberingenieur; Institut für Werkzeugmaschinen und Fabrikbetrieb (IWF), Technische Universität Berlin

### **Use of the performance potential of metal-bonded grinding wheels and effects during grinding**

Michael Klotz, Projektleiter Entwicklung; Fritz Studer AG, Thun, Schweiz

### **Influence of the grinding wheel specification on the optimization of process parameters**

Dr. Stefan Bohr, Director Application Engineering & OEM Management, Abrasives Europe, Saint-Gobain Abrasives / Norton, Norderstedt

### **Advantageous applications with printed vitrified CBN grinding wheels**

Dr.-Ing. Peter Dennis, Business Development Manager, Global Machine OEM's; 3M Abrasive Systems Division/ Wendt GmbH, Meerbusch

### **Efficient internal machining of chuck parts in series production**

Peter Manger, Technology Grinding & Combined Machining; EMAG Maschinenfabrik GmbH, Salach

### **Balancing on grinders**

Thomas Dellmuth, Product Manager Grinder products; MARPOSS GmbH, Weinstadt

### **New approach for the production of cutting tools**

Mirko Theuer, Grinding Technology, Manufacturing Processes; Institute of Production Engineering and Machine Tools, Leibniz Universität Hannover

### **5G in a digitized manufacturing - potentials for grinding technology**

Prof. Dr.-Ing. Thomas Bergs, Chair of Manufacturing Technology at Laboratory for Machine Tools and Production Engineering (WZL) of RWTH Aachen University

### **Gear grinding - overview and new developments**

Dr.-Ing. Frank Reichel, Freiberuflicher Ingenieur; Reichel EnTech, Berlin

### **New ways to process design in gear grinding**

Florian Scheffler, Leiter Technologieentwicklung Stirnrad; Klingelberg GmbH, Ettlingen

### **Roundness in centerless grinding – characteristics, analysis and measures**

Karsten Otto, Sales Director China; Schaudt Mikrosa GmbH, Leipzig

### **The handling of substances hazardous to water according to WHG/AwSV**

Henrik Faul, TÜV SÜD Industrie Service GmbH, Mannheim

### **Overall Equipment Effectiveness OEE – Improvements with smart coolant pumps**

René Schneider, K.H. Brinkmann GmbH & Co. KG, Werdohl

### **Strategies of coolant supply for an efficient and secure grinding process**

Roman Stabauer, Wissenschaftlicher Mitarbeiter, iWFT – Institute of Manufacturing and Tooling Technology of the RFH Cologne

### **Coolant processing in grinding techniques**

Uwe Wenck, Key Account Manager; Leiblein GmbH, Hardheim

### **+ Expert discussion – We focus on your questions!**

All about grinding: Our experts answer your questions