Look forward to these presentations, i.a.:

- Hard fine machining of ceramic materials for high performance application
- Gear grinding – overview and new developments
- Balancing on grinders
- Roundness in centerless grinding – characteristics, analysis and measures
- High-efficiency central-coolant-filtration-systems in grinding techniques

**Poster Session:** Latest research results from universities.

**Expert Discussion:** We focus on your questions!

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- Roland Schmitz › EMAG Maschinenfabrik GmbH

Comments from Participants 2019

»I would recommend the conference to anyone who deals with the subject of grinding and supervises or practices grinding in their processes. You can take away many helpful tips and suggestions and socialize.«
Michael Krigar › SMS Maschinenbau GmbH

»A unique place to get the last feedback and contacts for the application research.«
Dominique Walter › 3M Winterthur Technologie France

Whom you will be meeting at the conference

Branches

- Mechanical Engineering 57%
- Automotive Construction and Suppliers 11%
- Metal Production and Processing 11%
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- Electrical Engineering 11%
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More information on exhibition & sponsoring: Christine Sieber | christine.sieber@hanser.de
Tuesday, 28 January 2020

08.30 Registration and welcome coffee

09.15 Welcome and Introduction
Dr.-Ing. Dirk Friedrich MBA, CEO › Grindaix GmbH, Kerpen

Material, Tools and Dressing Technology

09.30 Hard fine machining of ceramic materials for high performance applications
Georg Gerlitzky, Chief Engineer › Institute for Machine Tools and Manufacturing Technology (IWF), Technische Universität Berlin

10.05 ☕ Coffee Break

10.45 Use of the performance potential of metal-bonded grinding wheels and effects during grinding
Michael Klotz, Project Manager Development › Fritz Studer AG, Thun, Schweiz

11.20 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

11.55 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

12.30 Poster Session
Universities present their latest research results

01.00 🍽️ Lunch

02.30 From natural diamond to CVD: Latest dresser technology
Christoph Müller, Division Manager Applications Engineering › DR. KAISER DIAMANTWERKZEUGE GmbH & Co. KG, Celle

Machine Technology

03.05 Efficient internal machining of chuck parts in series production
Peter Manger, Technology Grinding & Combined Machining › EMAG Maschinenfabrik GmbH, Salach

03.40 Balancing on grinders
Thomas Dellmuth, Product Manager Grinder products › MARPOSS GmbH, Weinstadt

04.15 ☕ Coffee Break

04.50 Innovative Grinding of Round Tools
Mirko Theuer, Grinding Technology, Manufacturing Processes › Institute of Production Engineering and Machine Tools, Leibniz Universität Hannover

05.25 Expert discussion – We focus on your questions!
All about grinding: Our experts answer your questions

06.10 Closing words at the end of the first day
Followed by a meet up for a beer in the exhibition.

Wednesday, 29 January 2020

Keynote

09.00 5G in a digitized manufacturing – potentials for grinding technology
Prof. Dr.-Ing. Thomas Bergs, Chair of Manufacturing Technology › Laboratory for Machine Tools and Production Engineering WZL of RWTH Aachen University

Machine and Process Technology

09.35 Gear grinding – overview and new developments
Dr.-Ing. Frank Reichel, Freiberufllicher Ingenieur › Reichel EnTech, Berlin

10.10 ☕ Coffee Break

10.55 New ways to process design in gear grinding
Florian Scheffler, Leiter Technologieentwicklung Stirnrädemachining › Klingelnberg GmbH, Ettingen

11.30 Roundness in centerless grinding – characteristics, analysis and measures
Karsten Otto, Sales Director China › Schaudt Mikrosa GmbH, Leipzig

Cooling Lubricant Technology

12.05 Handling of substances hazardous to water according to WHG / AwSV
Henrik Faul › TÜV SÜD Industrie Service GmbH, Mannheim

12.40 🍽️ Lunch

02.00 Overall Equipment Effectiveness OEE – Improvements with smart coolant pumps
René Schneider, System Consultant › Brinkmann Pumps, K.H. Brinkmann GmbH & Co. KG, Werdohl

02.35 Strategies of coolant supply for an efficient and secure grinding process
Roman Stabauer, Research Associate › IWFT – Institute of Manufacturing and Tooling Technology of the RFH Cologne

03.10 High-efficiency central-coolant-filtration-systems in grinding techniques
Uwe Wenck, Key Account Manager › Leiblein GmbH, Hardheim

03.45 Closing words

04.00 End of the Conference
Register now!

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I hereby register for the conference SCHLEIFTAGUNG on 28 – 29 January 2020 in Stuttgart-Fellbach / Germany.

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