

SCHLEIFTAGUNG

Grinding processes: safe, reproducible, efficient!
13 and 14 February 2019 in Stuttgart-Fellbach

The annual
industry
meeting place!

Look forward to these topics, i.a.

- Grinding of functional parts made of lightweight materials – ceramics, CMCs and diamond-ceramics
- Precision machining of flat surfaces
- Measurement and evaluation of vibrations in grinding and dressing processes

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

With simultaneous translation German/English!

Professional exchange with **leading experts**, i.a.:

Becker Photonik GmbH | bielomatik Leuze GmbH + Co. KG | Ewag AG | HERMES SCHLEIFMITTEL GmbH | Sporer Mess- und Regeltechnik | Supfina Grieshaber GmbH & Co.KG

Organised by



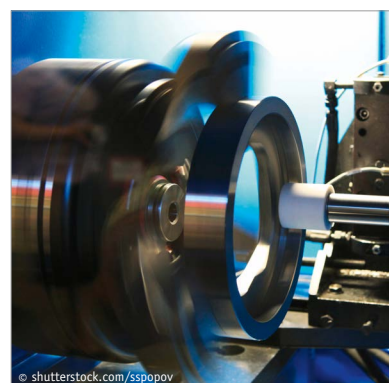
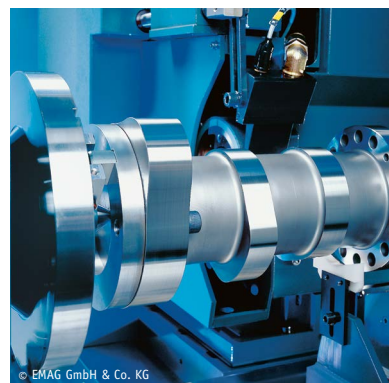
Media partner



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Confirmed exhibitors



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- Dr.-Ing. Dirk Friedrich MBA › Grindaix GmbH
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- Prof. Dr.-Ing. Wilfried Saxler, Director of Institute of Manufacturing and Tooling Technology
› Rheinische Fachhochschule Köln
and managing director of FDPW e.V.
- Roland Schmitz › EMAG Maschinenfabrik GmbH

Comments from Participants 2018

»Interessante Veranstaltung, die auch einen Ausblick auf zukünftige Trends in unserer Branche gibt.«

Dorothea Widmann › Daimler AG

»A good mix of theory and practice.«

Marvin Stoll › Gühring KG

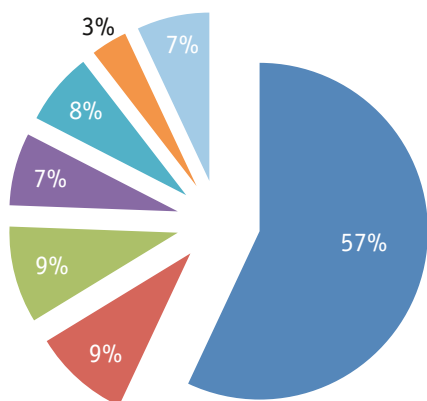


»Excellent information content and industry get-together with very good networking opportunities.«

Oliver Hildebrandt › Supfina Grieshaber GmbH & Co. KG

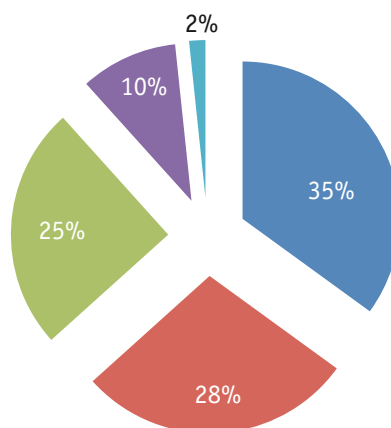
Who you will be meeting at the conference

Sectors



- Mechanical Engineering
- Automotive Construction and Suppliers
- Universities/Research Institutes
- Metal Products
- Metal Production and Processing
- Measuring and Control Technology
- Other

Departments



- Production, Manufacturing, Quality Management
- Marketing, Sales, Distribution
- Research & Development, Construction
- Corporate Management
- Purchases

More information on exhibition & sponsoring: Christine Sieber | christine.sieber@hanser.de

Wednesday, 13 February 2019

08.30 Registration and Welcome Coffee

09.15 Welcome and Introduction

Dipl.-Ing. Helmut Damm MBA, Editor in chief
 › WB Werkstatt + Betrieb, Munich

Dr.-Ing. Dirk Friedrich MBA, CEO › Grindaix GmbH, Kerpen

09.30 Keynote: Machine learning for production technology: opportunities, risks and potentials

Dr. Dirk Hecker, Geschäftsführer Allianz Big Data, Stv. Institutsleiter
 › Fraunhofer Institut IAIS

10.05 ☕ Coffee Break

Grinding of New Materials

10.45 Grinding of Steel with Advanced Surface Layer Structures

Prof. Dr.-Ing. habil. Prof. h.c. Dr.-Ing. E.h. Ekkard Brinksmeier,
 Director Leibniz-Institut für Werkstofforientierte Technologien
 › IWT Bremen

11.20 Grinding of Functional Parts Made of Lightweight Materials – Ceramics, CMCs and Diamond-Ceramics

Univ.-Prof. Dr. h.c. Dr.-Ing. Eckart Uhlmann › Institut für Werkzeugmaschinen und Fabrikbetrieb, Technische Universität Berlin

Dr.-Ing. Sascha Reinkober, Abteilungsleiter Fertigungstechnologien
 › Fraunhofer Institut für Produktionsanlagen und Konstruktionstechnik IPK Maschinen- und Werkzeugtechnik, Berlin

Maschine and Tool Technology

11.55 Precision Machining of Flat Surfaces

Thomas Harter, Product Manager
 › Supfina Grieshaber GmbH & Co. KG, Wolfach

12.30 Poster Session 1

12.45 🍽️ Lunch

02.15 Porous Metal Bonds – Potentials for Tool Grinding

Vino Suntharakumar, Team Leader Grinding Technology, Institute of Production Engineering and Machine Tools, Leibniz Universität Hannover › Centre for Production Technology Hannover, Garbsen

02.50 Cleaning of Grinding Wheels for Discontinuous Profile Gear Grinding

Mareike Solf, Wissenschaftliche Mitarbeiterin,
 Abteilung Getriebetechnik – Gruppe Technologie der Zahnradfertigung
 › Werkzeugmaschinenlabor (WZL) der RWTH Aachen

03.25 Poster Session 2

03.35 ☕ Coffee Break

04.15 Non-Destructive Testing of Corundum Grinding Wheels for Cracks and Inhomogeneities

Dr. Stefan Becker, Geschäftsführer
 › Becker Photonik GmbH, Porta Westfalica

04.50 Radiographic analysis and measurement of metallic components

Dr. Holger Roth, Leader Customer Solution Center Stuttgart
 › GE Sensing & Inspection Technologies GmbH, Wunstorf

05.25 Poster Session 3

05.40 Closing Words at the End of the First Day

Followed by the »Blaue Stunde«:
 meet up for a beer in the exhibition

07.00 Networking Event

We are very pleased to invite you to get together at the Schwabenlandhalle. Benefit from a pleasant and relaxed atmosphere to cultivate your contacts.

Thursday, 14 February 2019

Process Technology

09.00 New developments on conventional grinding wheels for high performance creep-feed grinding

Dr. Stefan Bohr, Director Application Engineering and OEM Management, Abrasives Europe › SAINT-GOBAIN Diamantwerkzeuge GmbH, Norderstedt

09.35 Endless Flexibility – Belt grinding as a modern manufacturing process

Dr.-Ing. Jan Cord Becker, Managing partner
 › Hermes Schleifmittel GmbH, Hamburg

10.10 ☕ Coffee Break

10.55 Ultrashort Pulse Laser Processing of Cutting Tools in the Age of Industrie 4.0

Dr. Claus Dold, Leiter Prozesstechnologie/PM Laser
 › Ewag AG, Etziken, Schweiz

11.30 Measurement and Evaluation of Vibrations in Grinding and Dressing Processes

Dr.-Ing. Severin Hannig, Managing partner › planlauf GmbH, Aachen

Quality Assurance

Measurement, Cooling and Lubrication Technology

12.05 Acoustic Emission (AE) – Basics and New Evaluation Strategies

Adalbert Sporer, Geschäftsführer › Sporer Mess- und Regeltechnik, Epfach

12.40 🍽️ Lunch

02.00 Real-time monitoring technology for cooling lubricant systems

Meinhardt Kiehl, Director product management
 › Rhenus Lub GmbH & Co KG, Mönchengladbach
 Dr.-Ing. Dirk Friedrich, CEO › Grindaix GmbH, Kerpen

02.35 MQL – An Alternative Solution to Flood Cooling for Grinding Processes

Dr.-Ing. Michael Hager, Director Business Unit Schmiertechnik-Systeme
 › bielomatik Leuze GmbH + Co. KG

03.10 Conclusion

03.15 End of the Conference

Register now!

Online: www.schleiftagung.de | Fax: +49 89 99830-157

■ I hereby register for the conference **SCHLEIFTAGUNG** on 13 and 14 February 2019 in Stuttgart-Fellbach/Germany.

Registration fee until **14.01.2019 € 1,040.-** | Registration fee from 15.01.2019 € 1,240.-
10% discount for subscribers of the magazine WB Werkstatt + Betrieb.
Discounts for university members available on request. All prices plus German VAT.

■ I hereby register for the Networking Event on 13 February 2019 (included in conference fee).

Participant

Company address Private address
 Mr Mrs

First Name | Last Name _____

Company _____

Department _____

Phone _____

Street | P.O. Box _____

Country | ZIP Code | City _____

E-Mail _____

■ I am / my company is a subscriber of the magazine WB Werkstatt + Betrieb.

Date | Signature _____

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Place of Conference

Schwabenlandhalle | Next to the BEST WESTERN PLUS Hotel Fellbach-Stuttgart |
Tainer Straße 7-9 | 70734 Fellbach | www.schwabenlandhalle.de

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10% discount for subscribers of the magazine WB Werkstatt + Betrieb.
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Benefits

The conference fee includes proceedings available for download, lunch, coffee breaks, refreshments as well as announced events or company visits. Participation in company visits is conditional. The name tag you receive at the registration on-site serves as authorization to call upon the benefits mentioned above.

Registration/Cancellation

Your registration is binding once a written confirmation is issued. This also applies to the participation in announced tours. With your signature, our terms and conditions are accepted. Participants with billing address outside of Germany, Austria and Switzerland, have to pay by credit card.

With your registration you agree to being seen as a participant in any photos or videos.

Cancellation of your registration must be in writing and, up to two weeks prior to the start of the event, is subject to a processing fee of € 100,- plus the statutory VAT. If the cancellation is postmarked after the deadline, you are required to pay the full registration fee. It is possible to transfer your registration to a colleague if you cannot attend personally. The program is subject to change.

Should the conference be canceled, the registration fee will be reimbursed in full. We will inform you immediately and transfer the paid fee back to your account. However, Hanser will not be liable for any other expenses incurred, such as travel, hotel, or others.

Accommodation

Travel and accommodation are not included in the conference fee. Please book your room yourself. For participants, a limited number of rooms are available at a special rate. All information about the hotel can be found in the conference details at www.schleiftagung.de and further accommodation at www.hanser-tagungen.de/hrs.

Journey

For your journey by train you can use the cost-efficient event ticket of »DB Vertrieb GmbH«. You can find detailed information about the offer on www.hanser-tagungen.de/DBSonderkonditionen. The offer is bookable at the hotline 0180 6 31 11 53 by the reference: »EW Medien«

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