

GRINDING CONGRESS

Munich, 19 January 2021

Grinding Congress 2021

Grinding processes: safe, reproducible, efficient

09 - 10 February 2021 | digital event

With simultaneous translation German / English

In the last 18 years the „Fellbacher SCHLEIFTAGUNG“ (i.e. Grinding Congress) has become the leading Information and networking platform for grinding experts and those who would like to become such. Amongst others the agenda provides topics along the process chain also covering the area of flat, profile and tool grinding. The conference "GRINDING CONGRESS 2021" will be held digitally this year. Participants will experience online a highly qualified, professional exchange as well as a knowledge update that will help them and their company to remain competitive. The digital conference environment offers various possibilities for direct exchange between participants, speakers and exhibitors.

Former participants highly appreciate the expert knowledge and internationality of the event: "Fellbach is the place where to get a clear overview on the last applied researches and innovations from the main universities, abrasives and machine suppliers, with a very good simultaneous English translation." Dominique Walter, 3M Precision Grinding & Finishing France

Along the process chain, the following topics will be on the program in 2021: " Innovations in tool grinding", " Production of modern PCD tools in the hybrid process", " Machining with geometrically undefined cutting edge – Functionalizing processes within the process chain" and also the question "Metal working fluid a necessary evil ... right?"

Another important focus of the lecture program will be on digitalization in grinding technology, with its opportunities on the one hand and challenges on the other - with lectures on topics such as: Grinding technology in a cross-manufacturing technology, data-supported value chain, Digital conversion of existing machines, autonomous manufacturing systems for grinding of highly heat-resistant materials and, finally, developments that show how digitization can make the grinding process more visible. On the second day of the event, the focus will

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be on quality assurance and measurement technology with regard to material, machine, method and process. Among other things, challenges in thread grinding will be presented and the machine as the basis of an economical manufacturing process will be discussed.

Presentations from:

- Blaser Swisslube AG
- Blohm Jung GmbH
- Grindaix GmbH
- imq- Ingenieurbetrieb für Materialprüfung, Qualitätssicherung und Schweißtechnik GmbH
- Institut für Fertigungstechnik und Werkzeugmaschinen, Leibniz Universität Hannover
- Institut für Spanende Fertigung, Technische Universität Dortmund
- Leibniz-Institut für Werkstofforientierte Technologien - IWT, Universität Bremen
- MTU Aero Engines AG
- SMS Maschinenbau GmbH
- Stresstech GmbH
- Walter Maschinenbau GmbH
- Lehrstuhl für Technologie der Fertigungsverfahren, WZL - RWTH Aachen

Chairman: **Dr.-Ing. Dirk Friedrich MBA**, Grindaix GmbH

Advisory board:

- Dipl.-Ing. Helmut Damm MBA, WB Werkstatt+Betrieb
- Dipl.-Ing. IWE Tobias Engenhardt, KNOLL Maschinenbau GmbH
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- Dipl.-Ing. Arne Hoffmann, BLOHM JUNG GmbH
- Roland Schmitz, EMAG Maschinenfabrik GmbH

Postersession: Young scientists, who will present their latest research results in the poster session, will again have a fixed place in the program. Furthermore, the accompanying trade exhibition offers participating companies the opportunity to present their current products and services to the professional audience online.

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Further information, a review of the Grinding Congress 2020 as well as the lecture program for 2021 can be found on the internet at: www.grindingcongress.com

Picture:



Smart & safe: the Grinding Congress will take place as a digital event in 2021. Here Sylvia Hahn and Sabine Schuster from the Hanser conference team © Hanser Verlag

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Participation details for digital Hanser conferences:

- Live participation in the conference - possible from anywhere with internet access
- Access to the download area with the lectures
- Questions to the speakers after the presentations
- 1:1 chat between participants, speakers and exhibitors
- Networking opportunities with all participants

Information and a video about the digital conference platform can be found here:

<https://www.hanser-tagungen.de/en/technik>

Conference fee: € 645,- net

10% discount for subscribers of magazine WB Werkstatt + Betrieb

University and colleague discounts (from 3 employees of a company) on request.

Press participation possible on request.

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