

Press Release 2 – March 2021

**4<sup>th</sup> Leading Trade Fair for Deburring Technology and Precision Surface Finishing, 12 to 14 October 2021 in Karlsruhe (Germany)**  
**DeburringEXPO – Increasing Importance for Burr-Free, Highly Precise, Clean Surfaces**

Neuffen, March 2021: **The business climate and the order situation are improving for industrial enterprises. Now is the time for companies to generate fresh impetus with new and further developed solutions. DeburringEXPO offers an ideal platform to this end in the fields of deburring technology and precision surface finishing, and will be held at the Karlsruhe Exhibition Centre from the 12<sup>th</sup> through the 14<sup>th</sup> of October, 2021. With theme parks covering “Cleaning After Deburring”, “Automated Deburring with Industrial Robots” and “AM Parts Finishing”, highly topical issues will also be addressed at the 4<sup>th</sup> leading trade fair for deburring technology and precision surface finishing. The expert forum, which is in great demand as a source of knowledge, will also offer information concerning the latest trends and developments, as well as practical solutions.**

Demand is rising in many industry sectors such as machinery manufacturing, medical and pharmaceuticals technology, toolmaking, metrology, precision engineering, sensor and drive technology, as well as in the automotive industry. Amongst other factors, this trend is also being driven by export. As a result, investments that were put on hold last year are back on the agenda once again. Issues such as deburring, edge rounding and the production of precision surface finishes also play an important role in this regard. Stricter as well as changing requirements must also be met in some cases during the production and reconditioning of products in these work steps.

As the only technology platform for deburring, rounding and the production of precision surface finishes, **DeburringEXPO** provides a complete overview of the current state of the art, developments and trends, processes and methods, as well as quality assurance and services. “**DeburringEXPO** is an important trade fair for 4MI GmbH, where we can present our solutions expertise in the field of flow grinding. And thus there’s no doubt that we’ll exhibit again – and we’re already looking forward to it now because we’ve found that although video conferencing is useful for discussing and clarifying numerous issues, it can’t replace face-to-face meetings at a trade fair, to

which visitors also bring parts and drawings,” adds Dr.-Ing. Detlef Bottke, CTO at 4MI GmbH. 4MI is one of the companies that have placed firm bookings for their booth locations at the 4<sup>th</sup> leading trade fair in Karlsruhe from the 12<sup>th</sup> through the 14<sup>th</sup> of October, 2021. The same goes for Rösler Oberflächentechnik GmbH, whose marketing manager Daniel Hund also considers trade fairs indispensable: “Participation at **DeburringEXPO** is a must for us as manufacturers of solutions for mass finishing and shot blasting technology, as well as post-processing of additively manufactured parts. We meet up with our customers at the trade fair in a targeted fashion and we’re looking forward to exchanging ideas again personally after months of exclusively virtual contact. Beyond this, participation at the trade fair provides us with an ideal opportunity for gaining a concentrated overview of what’s happening in the market, current and future focal points in various industry sectors and their latest developments.” Furthermore, the exhibitor list includes numerous other solution providers from various sectors for deburring, rounding and the production of precision surface finishes. “We’ve been experiencing a significant increase in demand for booth floor space since the end of February. Consequently, we’re quite confident that we’ll be able to hold **DeburringEXPO** in October 2021 on a scale comparable to the event in 2019 – of course in compliance with relevant protective measures and with a hygiene concept that offers exhibitors and visitors greatest possible safety,” reports Hartmut Herdin, managing director of private trade fair promoters fairXperts GmbH & Co. KG.

### **Competitively Decisive Trending Topics for the Supplementary Programme Too**

The exhibitors’ presentations at the upcoming event will also be augmented by a supplementary programme adapted to the current, complex requirements of the user industries.

The theme park covering ***Automated Deburring with Industrial Robots***, organised together with collaboration partner Robofunktion GmbH, fully demonstrates the possibilities of robot-automated surface treatment – from the feeding of components to position detection, handling, burr detection by means of camera or sensor technology and the deburring process with integrated tool change, right on up to quality assurance and final component storage in workpiece carriers.

In particular where metallic components are concerned, additive manufacturing is being used to an ever greater extent in series production. However, surface finishing remains a challenge in this respect. Automated solutions which ensure reliably reproducible results will be presented at **DeburringEXPO** in a concentrated format at the theme park for **AM Parts Finishing**.

More and more attention is being focused on component cleaning in production and reconditioning. Ever stricter requirements must be met in terms of both particulate and film-like contamination in order to assure the quality of downstream processes such as coating, welding, bonding and assembly. And thus cleaning processes which are laid out to fulfil actual requirements are indispensable after deburring or precision surface finishing. The **Cleaning After Deburring** theme park is dedicated to this issue.

### **Knowledge as Added Value**

The integrated 3-day **expert forum** at **DeburringEXPO** is also in demand as a source of knowledge. Solutions for actual applications, as well as current developments, trends and future strategies will be at the centre of attention at the simultaneously interpreted presentations (German <-> English).

Further information, the exhibition programme and a preliminary exhibitor list are available at [www.deburring-expo.de](http://www.deburring-expo.de).

Captions:

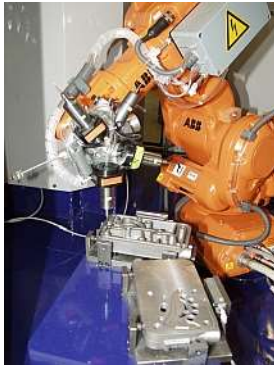
Photo: fairXperts\_DBE\_Stand



**DeburringEXPO** is the only international platform which provides visitors with the opportunity of gathering information about a broad range of technologies for deburring, rounding and the production of precision surface finishes on a single day in personal meetings.

Image source: fairXperts GmbH & Co. KG

Photo: fairXpers\_DBE\_Roboterentgraten\_cBerger Maschinenfabrik



The significance of automated deburring with industrial robots is growing as automation and digitalisation progressively advance. The theme park fully demonstrates the possibilities of robot-automated surface treatment.

Image source: Heinz Berger Maschinenfabrik GmbH & Co. KG

Photo: fairXperts\_DBE\_AM Parts Finishing



Post-processing of additively manufactured metal components remains a challenge. The theme park for AM Parts Finishing presents automated solutions which ensure reproducible results.

Image source: fairXperts GmbH & Co. KG

- - -

Thank you in advance for sending us a specimen copy or links to online publications.

Contact persons for the editors, and for requesting image files:

SCHULZ. PRESSE. TEXT., Doris Schulz, Journalist (DJV), Landhausstr. 12,  
770825 Korntal, Germany, phone: +49 (0)711 854085, [ds@presstextschulz.de](mailto:ds@presstextschulz.de),  
[www.schulzpresstext.de](http://www.schulzpresstext.de)

fairXperts GmbH & Co. KG, Hartmut Herdin, Hauptstr. 7, 72639 Neuffen,  
Germany, phone: +49 (0)7025 8434-0, [info@fairxperts.de](mailto:info@fairxperts.de), [www.fairxperts.de](http://www.fairxperts.de)