

# Expert Forum: Hall 1, Stand 314/413

## Tuesday, 8 October 2019

### Mechanical deburring – moderated by the Institute for Production Management, Technology and Machine Tools (PTW)

10.00 am	<b>Defined deburring of cross-drilled holes and complex bore outlets with ball-end cutters</b> Adrian Meinhard, Institut für Produktionstechnik, Technologie und Werkzeugmaschinen (PTW), TU Darmstadt
10.30 am	<b>Edge rounding of oil hole bores and deburring of cams</b> Gerhard Rudloff, Supfina Grieshaber GmbH & Co. KG
11.00 am	<b>Deburring of 1:1 ratio bores in the machining center</b> René Kehl, Heule Werkzeug AG
11.30 am	<b>CNC cross hole deburring solution</b> Günther Schroter, Kempf GmbH, XEBEC TECHNOLOGY Co.,LTD
12.00 noon	<b>Handling residual magnetism</b> Albert Maurer, Maurer Magnetic AG

### AM Parts Finishing – moderated by the Fraunhofer Institution for Casting, Composite and Processing Technology IGCV

12.30 pm	<b>Evaluation and Implementation of Additive Manufacturing Technologies</b> Matthias Schneck, Fraunhofer IGCV
13.00 pm	<b>Requirements for the cleaning of additively manufactured components</b> Gerhard Koblenzer, LPW Reinigungssysteme GmbH
13.30 pm	<b>Post Processing of additively manufactured components</b> Christian Höhn, Rösler Oberflächentechnik GmbH
14.00 pm	<b>Finishing of additively manufactured workpieces by means of electrolytic plasma polishing</b> Tobias Weise, plasotec-GmbH
14.30 pm	<b>Finishing and Postprocessing for AM components – challenges and solutions</b> Mariana Cabrera, Extrude Hone GmbH

## Wednesday, 9 October 2019

### Deburring and functional surface machining in one go – moderated by the Institute for Production Management, Technology and Machine Tools (PTW)

10.00 am	<b>(P) ECM the innovative alternative!</b> Fazli Yilmaz, EMAG ECM GmbH
10.30 am	<b>Micro-Structuring of tool surfaces to increase performance and tool life</b> Abdelhak Azzaoui, MµTOS GmbH
11.00 am	<b>Processing of internal surfaces by AFM (Abrasive Flow Machining)</b> Daniel Seifert, 4Mi GmbH
11.30 am	<b>Optical metrology for precision surfaces – applications and challenges</b> Matthias Pauli, Polytec GmbH

### Cleaning after deburring, deburring and cleaning in one go – moderated by the Fraunhofer Institution for Casting, Composite and Processing Technology IGCV

12.00 noon	<b>Optimization of cleaning processes</b> Jens Emmerich, BCD Chemie GmbH
12.30 pm	<b>Aqueous parts cleaning after thermal deburring</b> Thomas Gutmann, MAFAC - E. Schwarz GmbH & Co. KG
13.00 pm	<b>Innovations and Strategies for high pressure deburring</b> Robert Pauels, Ecoclean GmbH
13.30 pm	<b>Meet strictest requirements with combined ultrasonic deburring and cleaning</b> Günter Hiedels, Weber Ultrasonics AG
14.00 pm	<b>Clean products last longer – Technical cleanliness as an indispensable quality feature</b> Josef Faigle, Quality Analysis GmbH
14.30 pm	<b>Neutralactivator – Perfect after Deburring</b> Andreas Schaab, SurTec GmbH

## Thursday, 10 October 2019

### Undefined deburring (blasting, TEM, ...) Institute for Production Management, Technology and Machine Tools (PTW)

10.00 am	<b>Efficient Deburring – Market requirements &amp; Solutions</b> Patrick Matt, ECM Team GmbH
10.30 am	<b>Cryogenic deburring of rubber, non-ferrous metal and technical plastic parts without changing the surface finish and material properties</b> Ralf Sinner, MEWO GmbH & Co KG
11.00 am	<b>Dry deburring and cleaning of components in one process step</b> Karl-Heinz Menauer, acp systems AG
11.30 am	<b>Deburring and rounding of small holes by means of electrochemical deburring and laser beam</b> Hans-Joachim Konietzki, stoba Sondermaschinen GmbH
12.00 noon	<b>Thermal Deburring – Process and Application</b> Philipp Melching, ATL GmbH

### Sheet metal deburring – moderated by LIMA Ventures

12.30 pm	<b>Sheet metal deburring – requirements and trends</b> Markus Lindörfer, LIMA Ventures GmbH
13.00 pm	<b>SMARTGRINDING – streamlined and resource efficient deburring</b> Robert Dimmler, Lissmac Maschinenbau GmbH
13.30 pm	<b>The Long-Belt Grinding Machine deployed in an industrial environment for the perfection of surfaces</b> Ralf Wallmeyer, Kuhlmeier Maschinenbau GmbH
14.00 pm	<b>Laser edge finishing of metal sheets – deburring – rounding – edge reinforcing</b> Judith Kumstel, Fraunhofer-Institut für Lasertechnik

Subject to change without notice.

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