

PRESS RELEASE

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Ever greater performance required from production systems

The Software Theme Days of the METAV Web Sessions in October show how to achieve this

Frankfurt am Main, 16 September 2020. – Two trends are shaping the development of production technology: increasingly customised products at competitive prices, and ever smaller batch sizes – yet with no drop in the quality. This requires high-performance production technology, which in turn requires high-performance software systems. At the same time, comprehensive digitalisation, networking and artificial intelligence methods are necessitating constant expansion of the IT infrastructure. "The next METAV Web Sessions on 6 and 7 October include the "Software Theme Days" which will highlight the resulting opportunities, showcase the latest developments in the market and reveal which suppliers are already able to deliver," says Stephanie Simon, VDW Trade Fairs Project Officer and organiser of the event. "We originally only planned one day, but there was such a high level of interest and a wide range of topics that we decided to make it two days," Simon

continues. The METAV Web Sessions will only feature exhibitors who are taking part in METAV 2020 reloaded, scheduled for 23 to 26 March 2021.

Software producers make up roughly a tenth of all METAV 2020 reloaded exhibitors. This shows just how important software is in production engineering. Eleven of these producers will present their solutions during the Software Theme Days. These are: DPS Software GmbH, DP Technology Germany GmbH, IFP Software GmbH | oee.cloud, Mastercam, Mecadat AG, Open Mind Technologies AG, PSI Automotive & Industry GmbH, SolidCAM GmbH, Tebis Technische Informationssysteme AG, vectorcam GmbH and VK Sapp - Visual Knowledge Share Ltd.

Greater work preparation efficiency

Most of the presentations will address efficient work preparation, in particular using CAD/CAM systems, and programming support for rapid and error-free machine set-up and running-in. These systems are fully integrated into the machine owner's IT landscape and are indispensable for getting from the CAD model or design drawing to the finished component with ever greater ease, speed and precision. Artificial Intelligence (AI) is now also making inroads into this area as efforts are increasing to automate the programming and to simplify the transfer of programs to the machine without the need for post-processing. Such optimisation of machine performance results in shorter cycle times and longer tool life. This ultimately yields effective machine utilisation and thus significant improvements in resource efficiency.

Other presentations will focus on the increasing networking levels, which much also reflect the needs of the machine operator, and the problem-free introduction of MES solutions, especially for smaller companies.

The Software Theme Days are aimed at customers and users from the automotive, aerospace, mechanical engineering, tool and mould making industries. Each presentation lasts 30 minutes, followed by a 15-minute chat session in which participants can ask questions and discuss issues with the speaker.

On request, METAV Web Session participants can obtain a certificate of participation as documentation of their further training.

For further information please contact Stephanie Simon, VDW Trade Fairs Project Officer, Tel. +49 69 756081-53, s.simon@vdw.de. The full programme and registration details can be found at www.metav-websessions.de.

Background METAV 2020 reloaded in Düsseldorf

METAV 2020 - 21st International Trade Fair for Metalworking Technologies has had to be postponed by one year due to the corona pandemic. METAV 2020 reloaded will take place from 23 to 26 March 2021. It displays the full spectrum of manufacturing technology. The focus is on machine tools, manufacturing systems, precision tools, automated material flows, computer technology, industrial electronics and accessories. Added to this are new topics such as Moulding, Medical, Additive Manufacturing and Quality. They are firmly established in so-called Areas in the METAV exhibition programme, each with its own nomenclature. The target group of METAV visitors includes all branches of industry that process metals, in particular mechanical and plant engineering, the automotive and supply industry, the aerospace sector, the electrical industry, energy and medical technology, tool and mould making as well as metalworking and trades.

Articles and pictures relating to METAV 2020 reloaded can be found in the Press section at <https://www.metav.com/en/Press/Overview> [Press](#)

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