

Pictures for the EMO press release:

Digital yet sustainable – How so?

EMO Hannover 2019: Digital approaches to sustainable machining



((15-01_Benz_Konrad Keck.jpg))

Konrad Keck, Sales Manager DACH of Benz GmbH Werkzeugsysteme in Haslach (near Offenburg): "With rotating tools, the energy for the sensor system is obtained through energy harvesting, basically allowing battery solutions to be dispensed with."

Photo: Benz Werkzeugsysteme



((15-02_Benz_Smart Service.jpg))

Smart Service: Digital information obtained e.g. from sensors is part of a preventive service measure for tools. Foto: Benz Werkzeugsysteme.

Photo: Benz



((15-03_Klingelberg_Daniel Meuris.jpg))

Daniel Meuris of Klingelberg in Hückeswagen:
"The means of production are held as digital twins in a central database. This is supplemented with production data during and after the gear cutting."

Photo: Klingelberg



((15-04_Phoenix Contact_Raphael Rohde.jpg))

Dr. Raphael Rohde, employee of Phoenix Contact, Blomberg: "The entire manufacturing and production information generated by the networked injection mould is available at all times."

Photo: Phoenix Contact



((15-05_Phoenix Contact-AR.jpg))

Employees and customers receive user-specific data, for example via augmented reality. This allows any substandard work arising from false interpretation and resulting errors to be reduced to a minimum.

Photo: Phoenix Contact



((15-06_Wenzel_Heiko Wenzel-Schinzer.jpg))

Prof. Heiko Wenzel-Schinzer of the Wenzel Group in Wiesthal: "We can take more and faster measurements with optical solutions, 5-axis measuring heads and special measuring machines, and give direct feedback to the processing machines via closed control loops."

Photo: Wenzel

You will find texts and images relating to the EMO Hannover 2019 on the internet at [https://www.emo-hannover.de/imagedatabase?keyword=Digital yet sustainable](https://www.emo-hannover.de/imagedatabase?keyword=Digital%20yet%20sustainable)
https://www.emo-hannover.de/en/press/press-information/press-releases/press-release_29376.xhtml

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