

# Press information



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Promoted process optimisation

## **Industry 4.0: the SCHAUFLEER Academy hosts the project closure event**

*Rottenburg am Neckar, 25.10.2018. In the operations segment, BITZER has been involved since 2016 in the research project MyCPS: Migration support for implementing human-centered cyber-physical systems, which is supported by the Federal Ministry of Education and Research. BITZER is one of the project's seven application partners and will also be hosting the closing event on 29 November.*

Through the research project MyCPS: Migration support for implementing human-centered cyber-physical systems, refrigeration and air-conditioning technology specialist BITZER is examining the potential of digital solutions in its production processes: BITZER manufactures screw compressors in one-piece flow at its Rottenburg-Ergenzingen site. Cast housings are processed with the utmost precision, occasionally incorporating customer-specific adjustments. Within this process, a great deal of information and key figures are available in analogue form. However, due to preparation, upkeep and distribution efforts, these cannot always be used in a way that contributes to profit.

Using intelligent tools, BITZER would like to make all essential information accessible in digital form and thus from any location, with the aim of reducing key organisational efforts in production. As a result, a modified flow of data should minimise response times to problems, support identification of error sources and take the strain off the shop-floor manager. The long-standing company is therefore working with a software specialist to develop an application which displays an up-to-date, comprehensive overview of individual machine statuses along with employee assignment – both centrally in the department and in mobile form on a tablet. This should enable a prompt response to deviations and irregularities, which is expected to increase effectiveness and quality.

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The closing event for the research project will be held on 29 November 2018 at the BITZER international training centre, the SCHAUFLEER Academy in Rottenburg-Ergenzingen. The results of the project will be presented there along with the practical application of the results in the seven application cases, including the BITZER project. The event is open to the general public, with invited representatives of the project, business, science and politics. Additional participants are welcome, though registration is required. Anyone who's interested can register by 22 November 2018 and find further information at this link: [www.iao.fraunhofer.de/vk514.html](http://www.iao.fraunhofer.de/vk514.html)

## **Funding notice**

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The BITZER Group is the world's largest independent manufacturer of refrigeration compressors. With its distributors and production facilities for reciprocating, screw and scroll compressors, as well as heat exchangers and pressure vessels, BITZER is represented all over the globe. In 2017, 3,500 employees generated sales of €740 million.

## **Overview of images**

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Image: BITZER employees were incorporated into the MyCPS research project early on