

## Press Release

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## SIGMA expands academy and training offering

### Training employees and investing in the future

*SIGMA Engineering expands the range of training courses offered at the Academy of Virtual Molding. With comprehensive training courses in new training facilities, SIGMASOFT® optimally prepares customers for current and future challenges in the injection molding industry.*



Figure 1: Insight into the new training rooms

## **SIGMA expands academy and training offering**

**Aachen, 12. Oktober 2021** – SIGMA Engineering GmbH ("SIGMA") from Aachen, Germany, offers a comprehensive range of training and further education courses at its in-house Academy of Virtual Molding. By deepening and broadening knowledge and skills, it becomes possible to meet the current and future challenges of everyday work.

Shorter development times in the plastics industry and ever new demands on component and mold are increasing inexorably. The future belongs to companies that consider the know-how of their employees not only as a by-product of daily work, but as capital of the company. At SIGMA's Academy of Virtual Molding, it becomes possible to invest this capital profitably. "Not only injection molding technology continues to develop, but also injection molding simulation with it. This requires a constant expansion and improvement of training offers" says Managing Director Thomas Klein.

### **What are the benefits of further education at the Academy of Virtual Molding?**

So that simulated results can be used quickly and profitably in practice, newcomers and career changers must learn the necessary basics and handles for operating the software. The training courses, held by simulation experts, form the ideal basis not only for solving problems, but also for implementing them in a way that conserves resources and is economical. Users learn how to effectively use the capabilities of the virtual injection molding machine for various polymers and exploit the potential. "The Academy is one of our pillars, where we provide the knowledge of injection molding technology to better understand the tool of simulation and corresponding results" says Klein and CTO Timo Gebauer adds: "because a simulation is of little use if the results cannot be interpreted correctly."

In addition to basic training courses for new customers, SIGMA offers experienced users extended courses on topics such as "Shrinkage and Warpage", "Design of Experiments" and "Autonomous Optimization", with which complex issues become solvable.

To maximize the learning effect, the trainings take place in small groups and with a strong practical focus. Both company-specific and cross-company training courses are offered. Due to the new premises, it is possible to conduct face-to-face trainings even in pandemic times

with the applicable hygiene regulations on site. "There is no substitute for face-to-face events and the associated personal contact. Only in personal dialog can you respond appropriately to your counterpart," Managing Director Thomas Klein continues.

The training offer, as well as the training dates can be easily viewed and reserved via the new digital training calendar. You can find more information here:

<https://www.sigmasoft.de/de/sigma-academy/ueber-sigma-academy/>

For 23 years, SIGMA Engineering GmbH has been driving the development of the injection molding process with its simulation solution SIGMASOFT® Virtual Molding. This virtual injection molding machine enables the optimization and development of plastic components and molds as well as the mapping of the entire production process. The SIGMASOFT® Virtual Molding technology combines the parts 3D geometries with its tooling and temperature control system and integrates the parameters of the production process. This ensures a cost-efficient and resource-saving production as well as high-performance products - from the first shot. SIGMASOFT® Virtual Molding integrates a multitude of process-specific models including 3D simulation technologies that have been developed and validated over decades and are continuously optimized. The SIGMA Solution Service and Development team supports its customers technical goals with application-specific solutions. The software company SIGMA offers application engineering, training, direct software sales and as a result, a software straight from its developers and designers to help give a solution service by engineers all over Europe.

SIGMA Engineering GmbH, headed by Managing Director Thomas Klein, has subsidiaries in the USA, Brazil, Singapore, China, India, Korea and Turkey. In addition, SIGMA supports its users worldwide in a variety of international companies and research institutions with its Virtual Molding technology.

Further information: [sigmasoft.de](https://www.sigmasoft.de)

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