

Press Release

Recklinghausen, January 15th, 2019

Reprint Free of Charge, Pictures on Request

keytech participates in exciting new format of machine builders at UDE

On 15 January, an exciting new format took place for the first time at the University of Duisburg-Essen as part of the event 'Technical Presentations of First Semester Mechanical Engineering'. It is intended to give students a playful understanding of exam tasks and the associated solution schemes. With keytech Software GmbH, a solution provider from the area of Product Lifecycle Management Software also participated as a sponsor in the event named Engineer Warrior.



Prof. Dr. Arun Nagarajah (left) from the University of Duisburg-Essen, with the finalists Jonas Focken (1st place), Pascal Przemus (2nd place), Serkan Deniz (3rd place) and Markus Schmitz (4th place) as well as representatives of the sponsors. Photo: Patrick Brüns

Recklinghausen 18.01.2019, Tuesday evening, 17:30. Actually a time at which you would not expect too many students on the campus of the UDE anymore. However, the Audimax at the Lotharstraße in Duisburg is quite crowded with students of the course Technical Presentation. Twelve of them are starting this evening to become the Engineer Warrior 2019.

Press Release

Recklinghausen, January 15th, 2019

Reprint Free of Charge, Pictures on Request

After a preliminary round in which multiple-choice tasks are to be solved, four of them advance to the semi-finals, in which two of them have to solve more complex tasks live at the overhead projector against each other. At the end, only one of them will be able to take home the title.

"We're trying out the format with the students for the first time this year," says Prof. Dr. Arun Nagarajah, who heads the Department of Product

Development Processes and Data Management at the Faculty of Engineering Sciences and holds the Technical Presentation course for freshmen. "It is our goal that the students get a playful feeling for how the tasks are set in the exam at the end of the semester and - even more important - how these tasks are evaluated at the end", Prof. Nagarajah continues. For this reason, the tasks are not only processed live on the overhead projector from the semi-final onwards, but are also evaluated and corrected live by the professor's student staff.

An important aspect of the new format is, of course, the gamification approach and the competition between the participants, with which the students are to be inspired for the contents of the evening. "We are always driven by the play instinct," reveals Professor Nagarajah, who took over as head of the department last year after moving from business to the UDE.

Last but not least, such a contest also requires prizes for the winners and this is where keytech Software GmbH from Recklinghausen came in. The provider of PLM and DMS solutions from their own company sponsored the prize for second place with an iPad.



Die Vorrunde beginnt. Die Teilnehmer lösen bereits die ersten Aufgaben. Zahlreiche Zuhörer verfolgen interessiert den Wettbewerb. Foto: Patrick Brüns

Press Release
Recklinghausen, January 15th, 2019
Reprint Free of Charge, Pictures on Request



Pascal Przemus 2nd place and Carsten Kruhs at the award ceremony.
Photo: Patrick Brüns

"We have been working together with the UDE for a long time now," says head of development Carsten Kruhs, who made his way to Duisburg that evening to personally present the prize. A cooperation that has intensified considerably in recent years. Not only that keytech PLM is now also used in teaching by the mechanical engineers in Duisburg - joint research projects and

sponsoring within the scope of Engineer Warrior 2019 are fruits of this cooperation.

The cooperation also expresses keytech's roots. The own software solution keytech PLM has always been developed close to the requirements of engineers and product designers and with this and other actions within the cooperation keytech contributes its small part to support the generation of tomorrow's machine builders.

At the end of the evening, there could only be one Engineer Warrior 2019. It was Jonas Focken who was happy about the title. He had received full points for the final task, in which a 3-screen projection had to be completed, and beat the other semi-finalists Pascal Przemus (2nd place), Serkan Deniz (3rd place) and Markus Schmitz (4th place).

All the students who had gathered at the UDE Audimax on this Tuesday were able to go home with the reassuring feeling of having got a good impression of what to expect in the upcoming exam.

Press Release
Recklinghausen, January 15th, 2019
Reprint Free of Charge, Pictures on Request



About keytech

In 1993 Reiner Heimsoth and Andreas Grothus founded the German PLM (Product Lifecycle Management) vendor keytech Software GmbH to specialize in optimizing business processes within the product lifecycle. With more than 1,000 successful implementations worldwide and more than 30 years experience in software development, keytech is a market leader in the German-speaking market. keytech has offices in Germany and the United States. The American subsidiary will be expanded in coming years to be able to better support international customers. keytech works side-by-side with customers as their initial thoughts about PLM become a reality while taking into account existing processes during implantation. This process underscores keytech's mission: Our priority is always to highlight the benefits the customer can gain from using our software.

As one of just a few independent PLM vendors keytech offers interfaces with many well-known CAD programs such as SolidWorks, Catia, Inventor, Solid Edge, AutoCAD, EPLAN and others. ERP integration (Enterprise Resource Planning) has also become a large part of the project with many implementations. The successful linking of systems is based on keytech's years of experience with ERP integration. Familiarity with the Materials Resource Planning (MRP) program is irrelevant for the Multi-CAD PLM system. In the past many of the market-leading systems such as SAP, SIVAS, ABAS, Infor or MS Dynamics NAV/AX were integrated with lesser-known solutions like ISSOS PRO, BeoSys or Prodis.

At the beginning of 2010 keytech expanded its product portfolio to become a complete DMS System (Document Management System) that enables real-time access to archived data across company departments.

Press Contact:

Sabrina Egler-Schliwa

Tel.: +49 2361 985800

Email: sabrina.schliwa@keytech.de