DIT students develop AI applications in the field of driver assistance systems with b-plus

**Deggendorf, March 22, 2023 - At the kick-off event of this year's AI group project in the Artificial Intelligence course, the b-plus Group presented two projects on Monday on which the students from the Deggendorf Institute of Technology (DIT) will work on for the next 15 weeks. Supervised by Prof. Dr. Patrick Glauner, AI solution approaches for intelligent data recording and an offline voice control are being developed.**

With this project, the regional and internationally well-known development partner b-plus gives students the opportunity to get deep insights into developments for driver assistance systems and autonomous driving. Martin Opel, Group Manager Connectivity, and Stefan Weber, Development Engineer in the areas of Data Analytics & Applied Machine Learning, gave an overview on the b-plus Group, its development areas, and the project content and goals.  
  
"For the students, we have prepared topics from our practical experience," explained Martin Opel. "This way they get a real insight into day-to-day projects and get to know the business areas in the development of autonomous driving systems up close."  
  
The first project topic involves the development of a trigger for the test system which recognizes relevant driving situations, so-called corner cases, and tags them for further processing. This way, large amounts of irrelevant data can be sorted out in advance. The second project aims to develop a voice assistant that relieves test drivers during the drive. Relevant driving situations are to be marked with auditory tags in the recording data stream so that they can be easily identified for later analysis.   
  
"We are pleased that we were able to win b-plus Group, a renowned regional company, for this year's AI group project," emphasizes Prof. Dr. Patrick Glauner. "The students see that artificial intelligence is actively taking place in all sectors and regions and can thus actively shape the digital transformation."  
  
b-plus and DIT have already been working together for many years in the study courses of electrical engineering as well as applied research. With the artificial intelligence program, this can now be expanded further and the topic can be placed even better regionally.  
  
During the project, the students will get to know the measurement technology of the Deggendorf-based company during a live presentation on the demo vehicle MAX. The b-plus experts will be at their side throughout the project and are also looking forward to the mutual exchange of know-how with the upcoming generation of developers.

More information about b-plus at [b-plus.com](https://www.b-plus.com/en/home?mtm_campaign=2320&mtm_medium=PM)

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ABOUT B-PLUS GROUP

The b-plus Group is with more than 230 employees an international leading development partner for advancing technologies in the fields of autonomous driving, driver assistance systems and the automation of mobile machines. With its development tools, automotive software and mobile automation divisions, it offers its customers a wide range of measurement technology, software and hardware.

As a long-term partner, b-plus accompanies its customers from the identification of the problem to the implementation of the development solution and beyond. The teams at the Deggendorf, Regensburg, Cham and Lindau locations work hand in hand to provide comprehensive and holistic solutions.