

# Research Initiative “Center for Commercial Vehicle Technology (ZNT)”



Commercial vehicle technology represents a core competence at the University of Kaiserslautern. In the last decades many innovative technologies have been developed and commercialized in cooperation with local companies. As a joint institution at the University of Kaiserslautern the ZNT summarizes numerous competences from a comprehensive variety of research centers. The ZNT provides companies with a central contact point for any question on issues concerning commercial vehicle technology. Companies interested in research projects can directly address their requests to the ZNT. The actual project handling is then carried out by the corresponding research center(s).

The proximity of the University of Kaiserslautern to important manufacturers of commercial vehicles and their suppliers offers these companies the possibility of a close cooperation with the ZNT and the research centers it represents. For this purpose the ZNT offers two models of cooperation:

## Joint Research Projects:

For a defined period of time a set of companies is given the opportunity to deal with a specific research question. Costs thereby incurred are partially covered by public funding.

## Contract Research:

In case single companies focus on confidential research topics or need urgent assistance, research centers at the University of Kaiserslautern are able to carry out company-specific research projects immediately.

At the University of Kaiserslautern, the ZNT concentrates the competences of many research centers on the field of commercial vehicle technology. Therefore, departments such as electrical and information engineering, mechanical and process engineering as well as computer sciences are involved. Furthermore, research centers from other departments can be included if necessary.

For a selection of ongoing research topics at the University of Kaiserslautern in the field of commercial vehicle technology as well as for further information on the ZNT please visit [www.uni.kl.de/znt](http://www.uni.kl.de/znt).



Virtual Reality in Production Engineering

## Contact



### Center for Commercial Vehicle Technology

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## Research Areas

- commercial vehicles technology
- research and development
- product development
- machine and construction technology
- control systems
- robot systems
- materials engineering
- surface engineering
- joining technology
- production technology
- business organization
- virtual product development
- graphical data processing
- software engineering and software reliability
- process automation and consulting

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