

A long-exposure photograph of a highway at night, showing light trails from vehicles. The trails are primarily white and yellow, curving from the top left towards the bottom right. On the right side, there are prominent red light trails, likely from taillights. The background is dark, suggesting a night sky and distant hills.

# MOVE

*Research Center Modern Vehicles*  
*Universität der Bundeswehr München*

*Individual Traffic of Tomorrow*



*Driver Assistance Systems*



### *Focus Areas*

Individual Traffic of Tomorrow:  
Energy-Efficient Vehicle Design,  
Efficient Electrical Drive-Trains |  
Electrical Drives |  
Driver Assistance Systems |  
Human Machine Interaction

### *Departments*

Department of Electrical Engineering:  
Institute for Electrical Drives  
  
Department of Aerospace Engineering:  
Human Factors Institute |  
Institute for Autonomous Systems Technology

### *Speaker*



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Human Machine Interaction



Electromobility



**Research Center**  
**Modern Vehicles**

*Universität der Bundeswehr München*

The MOVE Research Center combines three core competencies that are necessary and at the same time complementary to study modern individual traffic in the context of a growing energy and raw material shortage.

Besides the basic research into an energy efficient vehicle design, MOVE develops driver assistance systems that facilitate energy efficient driving. To make driver assistance systems meet both technical demands and the needs of people, they also engage in man-machine interaction and user-oriented system design.

*der Bundeswehr*  
**Universität**  **München**

***The Bundeswehr University Munich is an educational and research university according to Humboldt's ideal and is well-established in the national and international research landscape.***

*It focuses on the academic education of young officers in a trimester system. The ideal framework conditions of a campus university with an outstanding infrastructure offer a broad range of working and cooperation facilities notably in research. Due to the excellent trans-faculty cooperation in automobile, security and aerospace research, the Bundeswehr University Munich is recognized and plays a leading role in these fields also in international research.*

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