



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

Lecture Summer Semester 2021

## Trends in Automotive Engineering

Fachgebiet Fahrzeugtechnik



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### Information:

**Date:** Block Course Wednesday and Friday  
From 9:50 a.m. until 11:30 a.m.

**Location:** **Online Courses**

**CP:** 4

**Language:** English

### Program:

1	26 May 2021	Driving Simulator	Torben Albrecht, M.Sc.
2	28 May 2021	Teleoperated Driving on the Example of a Tram	Timm Ruppert, M.Sc.
3	02 June 2021	Motorcycles	Florian Scherer, M.Sc.
4	04 June 2021	Fundamentals and Use Cases of Automated Driving	Felix Glatzki, M.Sc.
5	09 June 2021	The Release of Automated Vehicles	Moritz Lippert, M.Sc.
6	11 June 2021	Data Reduction for Automated Driving	Kai Domhardt, M.Sc.
7	16 June 2021	Influence of Mobility Trends on Modern Brake Systems	Lennart Guckes, M.Sc.
8	18 June 2021	Sensor Perception and Fusion for Automated Driving	Ken Thaddäus Mori, M.Sc.
9	23 June 2021	Simulation of Automotive Perception Sensor Systems	Clemens Linnhoff, M.Sc.
10	25 June 2021	Trajectory Tracking Control of Automated Vehicles	Tobias Homolla, M.Sc.
11	30 June 2021	Safe Trajectory Planning of Automated Vehicles	Christoph Popp, M.Sc.