



For our Test Systems & Engineering department, we are currently seeking a:

Simulation Engineer Vehicle Dynamics

Location: Karlsruhe

We offer:

- Investigations in vehicle dynamics in virtual test driving as well as work on current topics such as the influence of vehicle dynamics on advanced driver assistance systems and automated driving functions
- Permanent employment in an innovative and international environment
- A wide and interesting area of responsibility in which you can refine your independent way of working
- In-depth familiarization with our product portfolio and the entire range of use cases in the areas of driver assistance, powertrain and vehicle dynamics
- Further development of skills as a simulation specialist for vehicle dynamics

Your responsibilities:

- Planning, carrying out and completing client projects on a national and international level
- Specifying client needs for new projects
- Supporting and performing long-term development and research projects with a focus on vehicle dynamics
- Acting as a technical contact person for questions on virtual test driving
- Expanding functions and adapting models for client projects within the context of the ongoing technical progress in vehicle dynamics
- Working in close cooperation with the internal product development and product management departments and acting as a technical liaison to clients

Your profile:

- Degree in engineering in a technical field such as automotive engineering, mechanical engineering or similar qualifications, e.g. computer engineering
- Interest or professional experience in the field of vehicle dynamics and simulation
- Fluent in German and English (written and spoken)
- Programming skills in C as well as experience in using CarMaker are a plus
- Willingness to travel to meetings with clients on a national and international level

WHO WE ARE

We are expert in the application areas of **ADAS & Automated Driving**, **Powertrain** and **Vehicle Dynamics** in the field of virtual test driving. As a global leader in virtual test driving technology, we develop innovative simulation solutions for vehicle development.

Designed for seamless use, our **software** and **hardware products** can be applied throughout the entire development process, from proof-of-concept to validation and release. Our virtual prototyping technology facilitates the **automotive systems engineering** approach, allowing our users to develop and test new systems in a virtual whole vehicle.

At IPG Automotive, we practice a **collegial spirit** and **teamwork**. We stand for **quality, holistic user orientation, efficiency, promotion of innovation and lasting partnership**. As a growing medium-sized, owner-managed business, we highly value the ideas and the commitment of our employees, for which we ensure the optimal conditions, always keeping a common goal in sight.

We are looking forward to your detailed application documents. Find further information and instructions on the application process at:

 careers.ipg-automotive.com