

(Senior) Engineer Vehicle Dynamics / Driving Simulator (m/f/diverse) - REF96809W

Descrição da função

At our tire test facility, the Contidrom, we operate our dynamic driving simulator, in which subjective tire tests are conducted based on simulations. The driving simulator serves as the technological interface between subjective vehicle testing and simulation.

As the interface between the dynamic driving simulator, the objective testing department and vehicle simulation, this role makes a significant contribution to the realistic representation of the vehicle and tire behavior within the Continental simulation environment. It ensures consistency between driving tests, simulation and tire development.

Your main tasks are:

- Implementation and maintenance of vehicle and tire models in the driving simulator environment
- Planning and execution of driving simulator sessions
- Programming of driving simulator applications and test data evaluation tools
- Technical evaluation of tire characteristics, taking tire mechanics into account
- Support in the creation, parameterization and interpretation of tire models
- Evaluation and analysis of vehicle test data from objective driving tests (e.g., handling, lateral dynamics)
- Planning of test series, selection of appropriate measurement equipment and test vehicles

Requisitos

- Completed degree in automotive engineering, mechanical engineering, physics, or a comparable field
- Several years of experience in passenger car vehicle dynamics and vehicle simulation, preferably in the area of tire development
- Experience in leading technical project teams
- Very good knowledge of passenger car vehicle dynamics and simulation (e.g., IPG CarMaker, VI CarRealTime, or similar)
- Very good knowledge in the creation, parameterization, and interpretation of tire models (e.g., MF-Tire, FTire, or comparable models)
- Experience in the evaluation and analysis of driving test data from objective tests (e.g., handling, lateral force)
- Solid programming experience (e.g., MATLAB/Simulink, NI Diadem, Python, or similar)
- Very good command of English, both written and spoken; German is an advantage
- Ideally, experience working in international teams



Identificação da vaga
REF96809W

Área funcional
Research and Development

Local
Wietze

Nível de liderança
Leading Self

Modalidade de trabalho
Onsite Job

Contato
Nele Fleischmann

Pessoa jurídica
Continental Reifen Deutschland GmbH

- Ability to work in a team and think interdisciplinarily, as well as initiative, sense of responsibility, and a strong quality orientation
- Willingness to travel to international test sites and to OEM customers

Applications from severely handicapped people are welcome.

O que oferecemos

- **Attractive Compensation:** We reward exceptional qualifications and experience with the option of an above-tariff salary
- **Flexibility that fits your life:** Whether mobile working, part-time models, flexible working hours, or sabbaticals - together we find a working model that suits your individual needs.
- **Secure your future:** With our company pension plan, we already invest today in your financial security of tomorrow.
- **Career with perspective:** We actively support you in shaping your career through trainings and a wide range of development opportunities.
- **Exclusive employee benefits:** Take advantage of attractive discounts and a wide range of employee benefits.
- **Stay fit - nationwide:** With our comprehensive range of health and wellness initiatives, you stay active - wherever you are in Germany.
- **Sustainable mobility:** Use our "JobRad" bike leasing program and secure your preferred bicycle at attractive conditions - for more fitness, climate protection, and enjoyment on your daily commute.
- **A family-friendly culture:** We support you with various offers that help balance work and family life.
- **Support when it matters most:** The Fürstenberg Institute provides you with a confidential external point of contact for professional advice and support in both personal and professional matters.
- **A work environment that embraces diversity:** Look forward to working in a diverse and international environment through collaboration with our global locations

For more information about the employee benefits you can expect at Continental, please visit our [benefits page](#).

[Diversity, Inclusion & Belonging](#) are important to us and make our company strong and successful. We offer equal opportunities to everyone - regardless of age, gender, nationality, cultural background, disability, religion, ideology or sexual orientation.

If this sounds like a perfect match for you and if you want to become the next supporter of our core values: **Trust, for one another, passion to win and freedom to act** - we are looking forward to receiving your application.

#Jobdrehscheibe

Ready to drive with Continental? Take the first step and fill in the online application.

Quem somos

Continental is a leading tire manufacturer and industrial specialist.

Founded in 1871, the company generated sales of €19.7 billion in 2025 and currently employs around 78,000 people in 54 countries and markets.

Tire solutions from the Tires business area make mobility safer, smarter, and more sustainable. Its premium portfolio includes tires for passenger cars, trucks, buses, two-wheelers, and specialty applications, as well as smart solutions and services for fleets and tire retailers. For more than 150 years, Continental has stood for innovative top performance and is one of the world's largest tire manufacturers. In the 2025 fiscal year, the Tires business area generated sales of €13.8 billion. Worldwide, Continental employs more than 56,000 people in its tire division and operates 19 production sites and 16 development locations.