Principal/Specialist Tire & Vehicle NVH (m/f/d) - REF97705I

Descrição da função

The role is integrated in the Continental Tire R&D (Hanover, Germany). The Principal engineer employs his industry or academic experience in the field of tire or vehicle chassis NVH technology to establish themselves as the NVH reference within the company, offering technical consultation in the field of vehicle comfort, vehicle interior noise, and tire/vehicle exterior noise (R117, R51). They assume responsibility for integration of prediction and testing methods within product lifecycle and design product gates to guarantee product target fulfillment and noise emissions regulatory compliance. They maintain and expand their already existing network within the tire/automotive industry NVH community and represent Continental in expert-level business-relevant B2B interactions.

Key tasks:

- Identifies industry trends and cutting-edge technologies in the field of vehicle comfort, vehicle interior noise, and tire/vehicle exterior noise and translates them to concrete technical initiatives and strategic directions for Continental
- Initiates and coordinates the development of numerical prediction and evaluation technologies in the field of NVH
- Designs and implements product development and product release processes that guarantee customer and regulatory NVH target fulfillment
- Offers internal NVH consultation and training for product development colleagues in the field of NVH, promoting a pragmatic and evidence-based approach to problem solving

Requisitos

- Academic degree in the field of Engineering or physical/Natural Sciences or similar
- Multi-year experience in the field of NVH within the tire or automotive industry or academic career in this field (e.g. PhD combined with industry linked research career)
- Deep knowledge and understanding of tire and vehicle chassis mechanisms related to comfort, interior noise and exterior pass-by noise
- Experience with leading complex R&D projects and establishing technical processes
- Practical experience with CAE/FEM method development & application, ideally in the field of tires or vehicle chassis NVH/structural dynamics
- Experience with industry-standard tire modeling approaches for comfort and structure-borne noise (such as MF-SWIFT, FTire, and CDTire), covering modeling and simplification principles, parameter identification process, limitations, application scenarios, and vehicle

Identificação da vaga
REF97705I

Área funcional
Research and Development

Local
Hanover

Nível de liderança
Leading Self

Modalidade de trabalho
Hybrid Job

Horário de trabalho
Full Time

Contato
Philipp Meinen

Pessoa jurídica
Continental Reifen Deutschland GmbH

model integration in a commercial CAE environment
- Experience with utilizing state-of-the-art NVH test methods (indoor & outdoor)
- Experience with problem solving, ideally in product development, by application of non-standard CAE/testing methods & concepts
- Proven performance under pressure and tight schedules within an industrial or academic environment
- English language fluency (written and spoken)

Applications from people with severe disabilities and those with equivalent status are welcome.

O que oferecemos

- **Attractive compensation:** We reward exceptional qualifications and experience with an above-tariff salary.
- **Flexibility that fits your life:** This position is generally intended to be filled on a full-time basis. At the same time, we are open to individual part-time arrangements, provided they are compatible with the requirements of the role. With flexible working hours, mobile working, and sabbaticals, we will find a working model that suits your individual needs.
- **Time off that truly matters:** Enjoy 30 days of paid vacation per year.
- **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 individual trainings, access to learning platforms such as LinkedIn Learning, and a wide range of development opportunities.
- **Borderless opportunities:** As an EU citizen, you can work remote from other EU countries for up to 40 days per year – offering greater freedom and international flexibility.
- **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, such as on-site childcare places and free emergency childcare services.
- **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. If you would like to learn more about our location, feel free to visit our site page: Continental Hannover Stöcken / Hannover Corporate Headquarters.

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.

#LI-TS1

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

Quem somos

Continental is a leading tire manufacturer and industry specialist. Founded in 1871, the company generated sales of €19.7 billion in 2025 and currently employs around 76,000 people in 54 countries and markets.

Tire solutions from the **Tires group sector** make mobility safer, smarter, and more sustainable. Its premium portfolio encompasses car, truck, bus, two-wheel, and specialty tires as well as smart solutions and services for fleets and tire retailers. Continental has been delivering top performance for more than 150 years and is one of the world’s largest tire manufacturers. In fiscal 2025, the Tires group sector generated sales of 13.8 billion euros. Continental's tire division currently employs around 53,000 people worldwide and has 19 production and 16 development sites.