

Principal Tire & Vehicle NVH (m/f/d) - REF977051

Ihre Aufgaben

The role is integrated in the Continental Tire R&D (Hanover, Germany). The Principal engineer employs his industry experience in the field of tire and vehicle chassis NVH development and his analytical thinking to establish themselves as the key NVH contact 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 methods within product development activities and design and implement product release processes to guarantee performance target fulfillment and regulatory compliance for sound emissions. They maintain and expand their existing network within the tire/automotive industry NVH community and represent Continental in expert-level business-relevant B2B interactions.

Key tasks:

- Identifies strategic technical directions and product trends in the field of vehicle comfort, vehicle interior noise, and tire/vehicle exterior noise and translates them to concrete technical initiatives for Continental
- Initiates and coordinates the development of performance and numerical prediction technologies in the field of NVH through structured project activities
- 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 approach to problem solving

Ihr Profil

- 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
- Experience with leading complex R&D projects and establishing technical processes
- Deep knowledge and understanding of tire and vehicle chassis mechanisms related to comfort, interior noise, and exterior pass-by noise
- 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, including MF-SWIFT, FTire, and CDTire (modeling and simplification principles, parameter



Job ID
REF977051

Arbeitsbereich
Forschung und Entwicklung

Standort
Hannover

Leadership Level
Leading Self

Job Flexibilität
Hybrid Job

Arbeitszeit
Vollzeit

Ansprechpartner
Philipp Meinen

Rechtliche Einheit
Continental Reifen Deutschland GmbH

identification process, limitations, application scenarios, and vehicle model integration in a commercial CAE environment)

- Experience with problem solving, ideally in product development, by application of non-standard CAE methods & concepts
- Proven performance under pressure and tight schedules within an industrial environment
- English language fluency (written and spoken)

Applications from severely handicapped people are welcome.

Unser Angebot

- **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. / This position is intended to be filled on a part-time basis. 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.

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

Über uns

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.