

Commercial Tires Virtual Development Group Leader

Your tasks

Mission / main tasks / Purpose of the Role

Coordinate and execute complex simulation and development activities, ensuring accurate performance predictions for Commercial Tires (CT) and driving the development of advanced simulation methods, tools, and operational processes.

Key Responsibilities:

- **Coordination & Leadership**
- **Simulation Operations**
- **Virtual product development**

In this role, you will:

- Support and coordinate activities of the local CT Simulation Team
- Manage team capacity to ensure timely response to requests, quality control and effective execution of simulation tasks
- Support Human Relation Development processes for the local CT Simulation Team and foster competency development
- Execute and operate CT simulation activities using Finite Element Method (FEM) techniques
- Ensure accuracy, quality and methodological validity of all simulation processes.
- Perform simulation tasks for Commercial Tires, including Rolling Resistance, Wear, Wespa, Belt Endurance, Bead Endurance, Groove Cracking and other standard analyses
- Interpret, evaluate and present simulation results to relevant stakeholders
- Support continuous improvement of FEM tire models and simulation accuracy
- Coordinate the processing of complex simulation tasks and the development of advanced simulation methods and tools
- Understand and apply boundary conditions given by the target market, application and service
- Ensure the product performance requirements are met and balanced through pattern, contour and layout optimization
- Drive improvements in simulation workflows, tools and operational processes
- Collaborate with RDCT and other departments to leverage synergies and ensure alignment.

Your profile

- Bachelor's, or master's degree engineering, mechanical area preferred
- Minimum of 5 years working experience
- Working experience in simulation (min. 3 years)
- Experience in leading people



Job ID
REF90842G

Field of work
Research and Development

Location
Lousado

Leadership level
Leading People

Job flexibility
Onsite Job

Legal Entity
Continental Mabor Indústria de Pneus S.A.

- Experience in Project Management and project team coordination
- Business fluent in English language
- Portuguese languages skills written and spoken is a plus
- High service orientation
- Expert communication and networking skills
- Willingness to travel worldwide (up to 20%)

Our offer

Integration in a challenging and international work environment, featured by the existence of state-of-the-art technologies

Local employment contract with attractive remuneration package and benefits

Continuous professional training and excellent possibilities of personal and professional development

Legal authorization to work in Europe is required.

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

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2024, Continental generated sales of €39.7 billion and currently employs around 190,000 people in 55 countries and markets.

With its premium portfolio in the car, truck, bus, two-wheel and specialty tire segment, the Tires group sector stands for innovative solutions in tire technology. Intelligent products and services related to tires and the promotion of sustainability complete the product portfolio. For specialist dealers and fleet management, Tires offers digital tire monitoring and tire management systems, in addition to other services, with the aim of keeping fleets mobile and increasing their efficiency. With its tires, Continental makes a significant contribution to safe, efficient and environmentally friendly mobility.