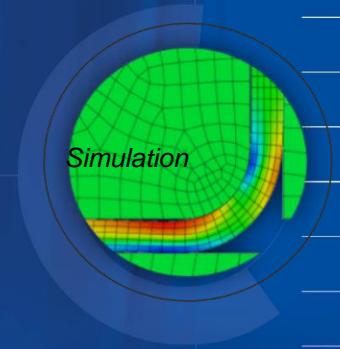


Senior Researcher Railways

Reference No.: MCL_220

Materials Center Leoben (MCL) supports numerous companies in the production sector developing high-performance materials, manufacturing processes and products. MCL designs specific computer-aided technologies in order to accelerate innovation processes in manufacturing companies as well as to support the digitalization of the value chain and products. Our portfolio includes cooperative research and development projects with international and national partners from the production and research sectors as well as several consulting, laboratory and simulation services in materials science.



Train/Track interaction – Simulation of the damage behavior

These topics inspire you or you are already familiar with them?

What are we looking for ...

- Academic degree preferably physics, materials science or mechanical engineering
- Scientific expertise and curiosity in the field of railways
- Interest and experience in finite element simulation techniques (Abaqus and Ansys)
- Team skills, self-initiative
- Good oral and written communication skills in English
- Experience in writing scientific project proposals (national & international funding programmes)
- Creative and curious personality

Your challenge ...

- Leading of scientific multi-firm projects
- Supervision of PhD- and master students
- Sensibility for future needs in the field of railway research
- Development/Modification of new/standard models and methods for material degradation
- Presentation of results at international conferences
- Writing reports for partners (deliverables, milestone, ...) and public (success story, press articles, ...)
- Publication of scientific articles for peer reviewed journals

Our offer

An employment with immediate start and a minimum gross monthly salary of € 3.600. Overpayment depending on your professional qualification and experience is possible.

*Please send your complete application documents by email.
We are looking forward to knowing you!*

bewerbung@mcl.at

