



MOVE ON UP!

VIRTUAL VEHICLE is a leading international R&D center for the automotive and rail industries. The center focuses on advanced virtualization of vehicle development. This linking of numerical simulations and hardware testing leads to a powerful HW-SW system design.

Master Thesis

“Effect of boundary conditions in automotive HV-cables”

Ref.Nr. C_048

Master Thesis

TASKS

- Literature search / state-of-the-art
- Requirement analysis, definition of use-case
- Realisation of a demonstrator, proof-of-concept
- Preparation and conducting of experimental campaigns
- Analysis of the effect of boundary conditions (mechanical) incl. time dependency of pre-stresses (creeping of plastics) as well as effect of temperature
- Processing and interpretation of results
- Reporting and presentation

OFFER

- Collaboration and contribution in an engaged, dynamic team
- Interesting work in an international research center
- Paid Thesis
- Mentoring programme
- Professional and personal development opportunities
- Diverse sports and health activities
- Corporate events

PROFILE

- You work in an independent, result-oriented and systematic way
- Knowledge of structural dynamics and acoustics
- Practical experience with MATLAB and/or PYTHON, as well as measurement of structural dynamics
- You have excellent communication skills in English or German, both written and oral

For technical questions, please contact

Dr. Jan Rejlek
jan.rejlek@v2c2.at,
 +43-(0)316-873-4019

[APPLY NOW and JOIN OUR TEAM](#)

Your Contact:

Georg Herzog / Recruiting / + 43- 316- 873- 9028