

Thesis

Simulation of Roller-Bearings in MBS environment



Tasks:

- *Literature research on modelling Roller-Bearings*
- *Implementing a spatial Force-Element in MBS-software Simpack*
- *Comparing model to state of the art Force-Elements*
- *Testing the model in rail-vehicle drivetrain*

Your Profile:

- *First experience in FE- or MBS-software like ANSYS or Simpack*

Start: as soon as possible

Contact:

Sascha Noack

Chair of Dynamics and Mechanism Design
Marschnerstraße 30, Zi 051, 01307 Dresden

Tel.: +49 (0) 351/ 463 - 36624
E-Mail: Sascha.Noack@tu-dresden.de
Homepage: www.tu-dresden.de/mw/dmt

