



## MASTER THESIS

### Dynamic force measurements on 4-poster test rig

#### Research domain

Active Safety

#### Topic

*Context:* The application of model based active safety control algorithms in modern vehicles is becoming more and more common. The tuning and verification of these models is performed with the aid of both CAE and experimental data. For one of the verifications of the control algorithms Flanders' DRIVE investigates the use of a 4-poster test rig to measure dynamic wheel forces in vertical direction.

*Aim:* The aim of the project is to build up a dynamic wheel force measuring system in the existing 4-poster test rig infrastructure of Flanders' DRIVE.

#### Profile

Master of Electromechanical Engineering

#### Supervisor

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