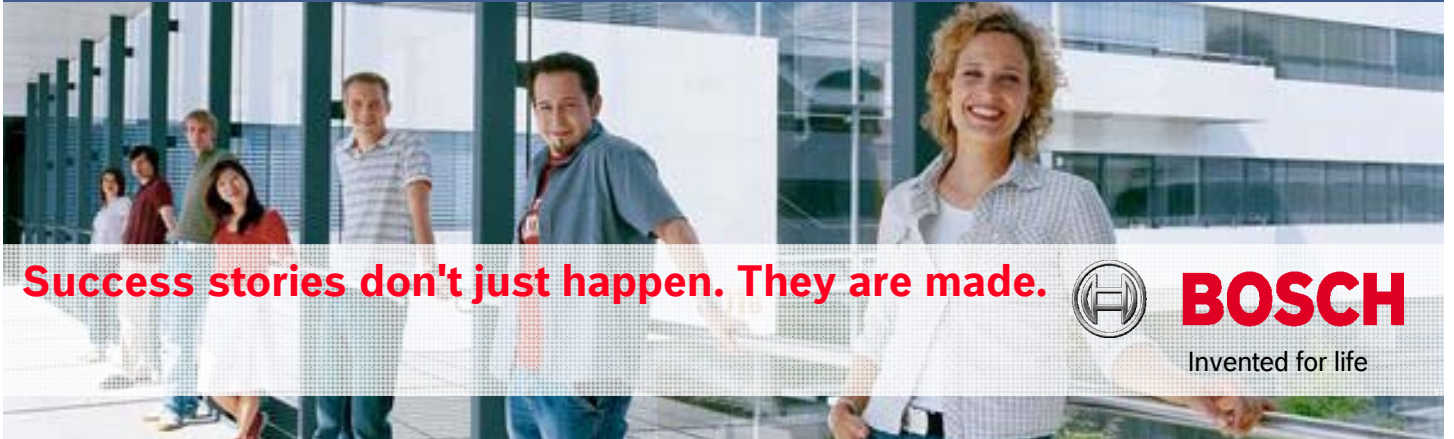


Internship / Student Grant

In Research & Development, Tienen - Belgium.



Success stories don't just happen. They are made.



BOSCH

Invented for life

The division Electrical Drives is technology leader in electrical and mechatronical systems and applications in automotive. In Tienen – Belgium Robert Bosch Produktie N.V. is the worldwide lead plant for production of wiper blades and arms. This plant is situated 30km east of Brussels and is the biggest plant for wiper blades in the Bosch Group. Daily production volumes of wiper blades is 350.000.

In Tienen/Belgium is also located the lead engineering R&D centre for research in the domains of Aerodynamics/ Structures/ Noise, development of new products and applications on new cars related to wiper systems.

Your task:

- Experimental verification of a theoretical closed loop simulation model simulink/sim-mechanics for the NVH investigation of a wiper system
 - Capability revision of the hardware and the software equipment of an existing experimental wiper system test bench for the verification of the theoretical model
 - Improve and upgrade the sensors portfolio of current experimental test bench
 - Audit current hardware/software interface for the in-out processing of testing data. Propose and implement possible improvements
 - Experimental verification and capability studies on specific wiper system functions

Your Profile:

- Bachelor/ Master student in mechanical engineering/ electronics/ Informatics
- Strong analytical skills / Good background in experimental techniques
- Proficient English (written and spoken), German (reading) is a plus
- Applicant having a EU-country nationality (possibility to receive Erasmus/ “Leonardo Da Vinci” financial support from the EU Lifelong Learning Programme, besides Bosch allowance). Position also open as post-degree grant.

Start: March 2012

Duration: 6 months

Apply to:

Mr. Marcello Bubba (EDA-WS/EGS1, Tel. +32 16 804-288, Marcello.Bubba@be.bosch.com)

For more info, also visit:

www.bosch.be

www.tienen.be / www.leuven.be

http://ec.europa.eu/education/lifelong-learning-programme/doc78_en.htm

Electrical Drives

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