

Internship / Student Grant

In Research & Development, Tienen - Belgium.



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BOSCH

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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:

- Finalize research and implementation (Matlab/ Visual Basic/ Simulink) of a theoretical model for the wipeability assessment of commercial car windscreens
 - Finalize development algorithm in collaboration with the University of Pisa (Italy)
 - Experimental verification simulation accuracy
 - Compile and integrate algorithm in the exiting application user interface tool
 - Validation of tool calculation functionality on few test-projects and update Design and User Handbook

Your Profile:

- Bachelor/ Master student in mechanical engineering / Mathematics/ Informatics
- Strong analytical skills / Good knowledge of Matlab mandatory
- 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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