

**Internship / Dipl. Thesis:**    **Wiper Blade Simulation Model**  
**Reference ALK/0801****BELGIUM****Company:** Robert Bosch Produktie N.V., Tienen, Belgium**Department:** EAB4, advanced development / calculation / simulation wiper blade**Description of the company:** the name Robert Bosch stands world-wide for innovation and quality. With about 195.000 associates we are represented in more than 140 countries world-wide. In Tienen/Belgium is located the wiper blades R&D centre for fundamental research in the domains of Aerodynamics/Structures/Noise, development of new products, applications on real cars.**Duration:** 6 months**Start Date:** August/September 2008**Allowance:** 700 Euro/month**Short Description:**

- Perform simulation sensitivity studies and optimization on wiper blade system
- Support the development of wiper blade simulation model for the static and dynamic simulation of the wiper blade behaviour in contact with a car windscreen.

**Required skills:**

- At least Bachelor degree (preferably last year Master degree) mechanical engineering / Mathematics
- Analytical skills / Good knowledge of Matlab mandatory.
- Ability to work independently and good communication skills
- Proficient English (written and spoken), German is a plus.
- Applicant having a EU-country nationality (possibility to receive "Leonardo Da Vinci" financial support from EU, besides Bosch allowance)

**Contact:**

- Mr. Marcello Bubba (EB-WS/EAB4, Tel. +32 16 804-288, Marcello.Bubba@be.bosch.com)

For more info, visit:  
[www.bosch.be](http://www.bosch.be)  
[www.tienen.be](http://www.tienen.be) / [www.leuven.be](http://www.leuven.be)  
[http://ec.europa.eu/education/programmes/llp/leonardo/index\\_en.html](http://ec.europa.eu/education/programmes/llp/leonardo/index_en.html)