



Master Degree Projects

ABB is a global leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. ABB is present in more than 100 countries and employs about 135,000 people. ABB Corporate Research, in close collaboration with varied ABB business areas, is developing the foundations for the next generation of ABB products. In Sweden, ABB Corporate Research, located in Västerås, employs 280 scientists from over 40 countries with expertise in automation and power technologies for manufacturing, consumer and process industries as well as power utilities.

We are currently offering several Master degree projects in the following areas:

- Industrial Wireless Sensor Networks (IEEE 802.15.4, Wireless HART, ISA 100, ZigBee, UWB etc)
- Cognitive radio for industrial applications
- Security for Industrial Automation and Control Systems
- Networked Embedded Systems

Requirements:

Students in MSc programs in Electrical Engineering, Engineering Physics, and Computer Engineering or similar is suited for this job. Candidates are expected to have a strong background in communication theory, signal processing and computer science. Good mathematical and programming skills are desired. It is also important that the applicant have good writing and communication skills. Please indicate a list of courses with marks and a CV in your application.

Other Information:

Financial compensation for the thesis is paid in the form of a bonus (20 000 – 40 000 SEK) when the thesis is approved by the examiner at the university or college. ABB may offer accommodation in Västerås.

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