



Thesis work in Optimization and Data Analytics

Looking for a taste of working life in an international, future-focused corporate group? ABB Technology & Innovation team located in Oslo is dedicated to the challenge of delivering state-of-the art technology and solutions that enables the oil and gas industry to improve performance, while minimizing environmental impact. If you are committed, creative and enthusiastic to shape the future as a part of our team, we are glad to be able to offer a number of very interesting and challenging student thesis projects.

Location:	Oslo, Oslo, Norway
Job Function:	Education and Training
Employment Contract Type:	Diploma work
Division/Function:	Industrial Automation
Business unit:	Oil, Gas & Chemicals
Publication ID:	NO60641067_E1

Tasks

We offer several challenging and exciting master thesis projects within Cybernetics (Optimization, Control, Signal Processing, and System Identification), Data Analytics and Learning in our R&D department.

Energy efficiency, optimal load sharing, process monitoring and optimization as well as novel applications of predictive methods, data analytics and deep learning algorithms are some of the topics and development projects that we are currently focusing on. You are also welcome to present a specific idea for your master thesis.

When you write your thesis at ABB you get a unique possibility to obtain valuable experience, connect to new relations and get knowledge with one of the world's leading technological companies.

Requirements

We are looking for master student with a profile towards Cybernetics, Optimization and/or Data Analytics.

The nature of the proposed thesis project, call for candidates characterized by strong drive, motivation and curiosity, a good general mathematical understanding combined with strong programming skills (Matlab/C#/C++/Python) and effective written and oral communication skills.

The thesis pre-project will begin preferably in August 2017 while the thesis project are expected to run in January-June 2018.

Additional Information

For more information or questions, please contact:
David Anisi, phone: +4722874759 e-mail:
david.anisi@no.abb.com

We look forward to receiving your CV, academic transcripts

and a cover letter.

Positions are filled continuously.

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing more than a 125-year history of innovation, ABB today is writing the future of industrial digitalization and driving the Energy and Fourth Industrial Revolutions. ABB operates in more than 100 countries with about 132,000 employees www.abb.com

Our ambition.
Your legacy.