

Cybernetica is a high technology company located in Trondheim, Norway. Cybernetica's main product is custom built software systems for model predictive control and real-time optimization of industrial processes. The customers are international corporations, mainly within chemical, petrochemical and metallurgical industries and the energy sector. Cybernetica has 12 full-time employees, 11 of which hold degrees in chemical engineering or engineering cybernetics. The company has a good equity position and a sound economy. Read more at cybernetica.no

Cybernetica has 1-2 open positions as

Process Control Engineers

with emphasis on

Mathematical Modelling and Nonlinear Model Predictive Control.

Relevant background is a degree (PhD, MSc) in Control Engineering (Engineering Cybernetics), Chemical Engineering or equivalent. Both graduates and more experienced candidates are welcome to apply.

Job description

Those employed, will participate in the development of customer specific model based control applications, including

- Development of dynamical mathematical models of industrial processes
- Implementation of the models in Cybernetica® CENIT™
- Adaptation of models to plant data; model verification and validation
- Configuration of estimators for soft sensing applications
- Configuration of model-based predictive controllers
- Commissioning and installation at customer's plant

All work is organised in projects. In addition to delivery projects, there will be some consulting assignments. Some time will be allocated to participation in research and development tasks.

Requirements:

- Relevant higher technical education
- Versatility
- Ability to work independently
- Cooperation ability

- Experience in project work
- Good English skills (written and oral). Knowledge of other languages is an advantage.
- Experience in model development is a great advantage

Knowledge of the Norwegian language is not a requirement, but those employed must be willing to learn the language in order to take part in everyday conversation.

Cybernetica values professional excellence, teamwork and initiative. We believe that greatness is achieved through teamwork and dedicated employees who seek opportunities to improve.

During assessment of applicants, both formal qualifications and personal suitability will be considered. Moreover, determination, optimism and good mood will be appreciated!

What can we offer?

We offer technical and personal challenges in a positive and innovative environment. There will be various work-tasks in national and international teams.

The company has good employment conditions, including flexible work hours, home office solutions, good pension plans and insurance policies. The salary, subject to individual agreement, is competitive both in national and European standards.

We are located in suitable premises not far from the university campus of NTNU in the city of Trondheim, Norway. We have very good social relations amongst colleagues in the company.

For foreign applicants, an information package will be available upon request, containing information about immigration to Norway, life in Trondheim, social security and public healthcare.

Application

Candidates who will finish their education during spring of 2019 are also welcome to apply.

For further information about the positions, contact Peter Singstad, man. dir. of Cybernetica, phone: +47-73 82 28 70, email: peter.singstad@cybernetica.no.

In order to apply for the position, please send an application cover letter, CV, relevant certificates and diplomas to personal@cybernetica.no. Applicants are asked to provide contact information for reference persons. Graduates can name their student advisor.

The application deadline is **15 January 2019**.