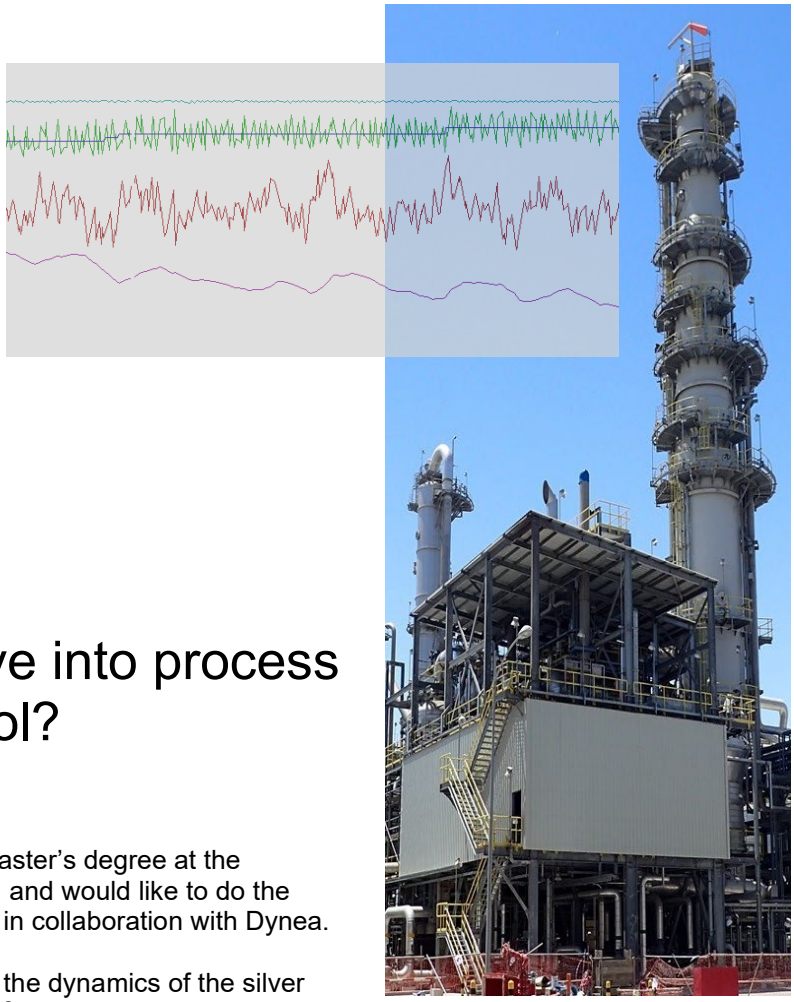

Summer Internship 2024

Ready for a deeper dive into process optimization and control?

We're looking for you who is studying for a master's degree at the department of chemical engineering at NTNU and would like to do the specialization project and the master's thesis in collaboration with Dynea.

The project and the thesis comprise studying the dynamics of the silver catalyzed formalin production plants with fasil® technology by Dynea. The main objective would be to find methods for controlling the process to minimize operational costs while keeping the product quality within the specifications. A simplistic dynamic model is required to investigate various control approaches and can be developed in your simulation/programming software of preference.

For a complementary description of the project and the Master's thesis proposal, please visit Sigurd Skogestad's website: https://folk.ntnu.no/skoge/diplom/prosjekt24/

Dynea offers a summer internship of 5 weeks for you to familiarize with the chemical process and the control philosophy, and to make relevant preparations ahead.

Qualifications:

- You are studying for a master's degree and will graduate in 2025
- You are accurate, structured and dedicated
- You have good communication- and collaboration skills
- You enjoy modelling chemical processes and to see how they fit real world processes
- Your mindset is to strive for optimal process control without sacrificing robustness and simplicity

The location for the summer internship is our premises in Lillestrøm with start medio June.

Application letter with cover letter, CV and the latest transcript of records to be sent nilsarne.susort@dynea.com by March 18, 2024.

Any questions can be directed to:
Nils Arne Susort – nilsarne.susort@dynea.com – Mob: +47 95 86 99 44
Kevin van Balkom - kevin.balkom@dynea.com -- Mob: +47 92 08 69 33

Dynea AS is a leader in providing high performance resins, adhesives and hardeners mainly for the wood working industry in Europe. Dynea's focus on efficient operations has created a world leading technology fasil® to produce Formaldehyde, an important chemical building block for the world chemical industry, now available for licensing of complete plants. The new opportunities have resulted in an increase in new contracts and projects for the separate business unit Licensing and Projects, Technology Centre.