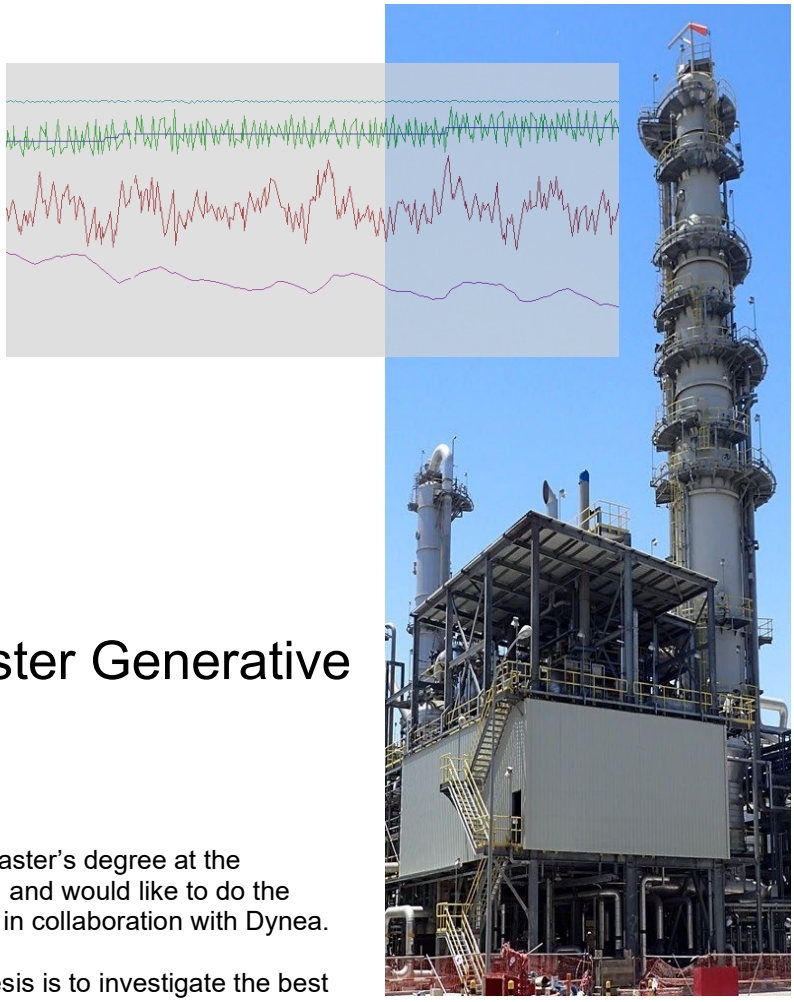

Summer Internship 2025

AI Meets Industry: Master Generative Control Structures

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 main objective for the project and the thesis is to investigate the best approaches for automatic generation of control structures throughout industrial plants with particular focus on the silver catalyzed formalin production plants with fasil® technology by Dynea.

For a complementary description of the project and the Master's thesis proposal, please contact Prof. Sigurd Skogestad (supervisor - NTNU), or Nils Arne Susort (co-supervisor – Dynea).

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

Qualifications:

- You are studying for a master's degree and will graduate in 2026
- You are accurate, structured and dedicated
- You have good communication- and collaboration skills
- You enjoy modelling chemical processes and making validations towards 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 23, 2025.

Any questions can be directed to:
Nils Arne Susort – nilsarne.susort@dynea.com – Mob: +47 95 86 99 44

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.