



Summer Internship 2019

Do you want to exploit and expand your competence in the field of modeling and simulations?

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 rigorous modeling and simulations of absorption columns for silver catalyzed formalin plants. The development of the model should be performed in the simulation software CHEMCAD, nevertheless developing a vapor-liquid equilibrium model along with a thermodynamic model in C++ and integrate the compiled code with the CHEMCAD-simulations is an essential part of the project.

For a complementary description of the project and the Master's thesis proposal, please visit Sigurd Skogestad's website: <http://folk.ntnu.no/skoge/diplom/prosjekt19/>

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

Qualifications:

- You are accurate, structured and dedicated
- You have good communication- and collaboration skills
- You have a great expertise in programming (C++ is an advantage, but not a requirement)
- You have knowledge about numerical methods, specifically for nonlinear problems

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 15, 2019.

Any questions can be directed to:

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by dynea

Dynea, a Norwegian company, is a leader in developing and providing high performance adhesives, surfacing solutions and formaldehyde process technology. Offering a broad range of specialised products to customers around the world, we also provide comprehensive technical support services to ensure that our customers optimise the benefit of choosing Dynea products.

Visit our website: <https://www.dynea.com/>