



Intern in applied simulations (f/m/d)

At Hitachi Energy our purpose is advancing a sustainable energy future for all. We bring power to our homes, schools, hospitals and factories. Join us and work with fantastic people, while learning and developing yourself on projects that have a real impact to our communities and society. Bring your passion, bring your energy, and be part of a global team that appreciates a simple truth: Diversity + Collaboration = Great Innovation

The design of high voltage (HV) devices, such as gas circuit breakers (CB), requires – among others – the prediction of the dielectric withstand as well as switching performance. The research activities in the area of gas circuit breakers are enhanced by various computer-aided-engineering tools and IT technologies. The aim of the internship is to carry out simulations, perform experimental data post-processing and analysis using in-house tools in order to improve the accuracy of the simulations. The superior goal is the achievement of high-end quality and performance of the final product. The duration of the internship is 6 to 12 months.

Your responsibilities

- CFD and in-house tools simulations
- Python and Matlab scripting
- Experimental data post-processing and analysis using in-house tools
- Documentation of the simulation and analysis results

Your background

- Student in the field of engineering or physics
- Team player and well organized
- Creative and can work autonomous
- Knowledge in MS-Office, Python, Matlab is an advantage

More about us

Hitachi Energy is a global technology leader that is advancing a sustainable energy future for all.

the utility, industry and infrastructure sectors with innovative solutions and services across the value chain. Together with customers and partners, we pioneer technologies and enable the digital transformation required to accelerate the energy transition towards a carbon-neutral future. We are advancing the world's energy system to become more sustainable, flexible and secure whilst balancing social, environmental and economic value. Hitachi Energy has a proven track record and unparalleled installed base in more than 140 countries. Headquartered in Switzerland, we employ around 40,000 people in 90 countries and generate business volumes of approximately \$10 billion USD. www.hitachienergy.com

Interested in joining our team? If so, we look forward to receiving your full application (motivation letter, CV, references) only via our online careers tool.

Hitachi Energy Switzerland Ltd.
Sonia Canelada Granizo
Talent Acquisition

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