



Internship in High Voltage Engineering 80-100% (f/m/d)

Hitachi ABB Power Grids is a pioneering technology leader that is helping to increase access to affordable, reliable, sustainable and modern energy for all. We help to power your home, keep the factories running, and our hospitals and schools open. Come as you are and prepare to get better as you learn from others. Bring your passion, bring your energy, and plug into a 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 measurements of the dielectric withstand as well as switching performance. Additionally, the research activities in the area of gas circuit breakers are enhanced by various computer-aided-engineering tools. The aim of the internship is to carry out experimental data post-processing and analysis using in-house tools in order to improve the performance. The superior goal is to help our team in Baden-Dättwil to achieve high-end quality and performance of the final product. The duration of the internship is 6 to 12 months.

Your responsibilities

- Work in projects for current interruption and dielectric performance measurements
- Perform Python and Matlab scripting
- Create experimental data post-processing and analysis using in-house tools
- Build in-house tools simulations

Your background

- Bachelor's or Master's student in the field of electrical engineering or physics
- Team player and well organized
- Creative and can work autonomous
- Laboratory and experimental experience are advantage
- Knowledge in MS-Office, Python and Matlab is an advantage
- Fluency in written and spoken English, any other language skills is a plus

More about us

Hitachi ABB Power Grids is a global technology leader with a combined heritage of almost 250 years, employing around 36,000 people in 90 countries. Headquartered in Switzerland, the business serves utility, industry and infrastructure customers across the value chain, and emerging areas like sustainable mobility, smart cities, energy storage and data centres. With a proven track record, global footprint and unparalleled installed base, Hitachi ABB Power Grids balances social, environmental and economic values, and is committed to powering good for a sustainable energy future, with pioneering and digital technologies, as the partner of choice for enabling a stronger, smarter and greener grid.
www.hitachiabb-powergrids.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 ABB Power Grids Switzerland
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Talent Acquisition

Location	Baden-Dättwil,Aargau,Switzerland
Business Unit	Business Function Technology
Publication Start Date	13.08.2021
Job Function	Design and Engineering
Publication ID	CH51871221_E1