

THERMAL EVALUATION OF FAST CHARGING

Internship (m/w/d)

Your profile

- Good understanding of functional principles of Lithium-ion cells and heat losses
- Experience with standard testing techniques (dQ/dV, check-ups, cycling, etc.)
- Experience with Python and data analysis is a plus
- Responsible and team-oriented way of working
- Enrolment in Electrical/Mechanical/Chemical Engineering or similar

Who we are

We are a young deep-tech start-up with a focus on efficient and inexpensive battery production. Our mechatronic measurement equipment allows 90% faster and more accurate quality assessment of lithium-ion cells. Our outstanding products rely on simulation-aided mechanical design, Industrial Internet of Things (IIoT) and Data Science. We organize our work based on short and improvement driven development sprints. You are highly enthusiastic about technology, and you want to solve relevant problems? - We too!

Your tasks

First, you will bring a new high performance calorimeter in operation. You can perform heat flux measurements during heavy load or charging conditions. After your literature research, you will prepare your experiment. It will include procedure scripting and initial cell characterization. According to your Design of Experiment (DOE), you conduct all measurements in our lab. Finally, you evaluate the data using Python frameworks and critically discuss the results.

Interested?

Send your application:
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