

Student Intern R&D (m/f/d)

Daikin Chemicals - Positively Innovative

Daikin Chemical Europe GmbH as part of the global Daikin group with headquarters in Osaka/Japan strives to contribute to society with innovative and sustainable technology to face the upcoming challenges on our pathway into the future. In our newly established innovation laboratory located in Dortmund an international and interdisciplinary team shapes important future technologies. Become a member in our R&D department for battery - and energy storage applications and be a part of our vision.

Assignment

Join the R&D team of the Battery Materials & Processing Technology Group and help us to develop novel materials for the next generation of lithium ion batteries. In the framework of the HORIZON Europe Programme we are working on polymer electrolytes for solid-state batteries to enable the production of safer and more efficient electric vehicles. In this position we are looking to recruit a

Student Intern for the development of new polymer materials in all solid-state batteries.

Main responsibilities

- Formulation and preparation of solid polymer electrolytes and composite electrolytes in different batch sizes on the laboratory scale
- Sample preparation for the physicochemical analysis of the developed polymer materials (e. g. DSC, GPC, DMA)
- Registration of all newly developed materials into an existing sample collection and maintenance thereof
- Preparation of electrodes via different casting methods on laboratory scale
- Assembly of test cells for electrochemical characterization of solid polymer electrolyte

Skills & Requirements

- University degree (B. Sc.) in chemistry or equivalent

- Knowledge about basic principles of polymer chemistry and physics
- Dedication to follow laboratory safety requirements precisely
- Exact and reliable working style
- Previous experience in processing and characterization of battery materials is a plus
- Fluent in spoken and written English, German a plus
- Ability to work well with others in a team environment, as well as independently

Position

- Student Internship (8-12 h/week)
- Place of employment: Dortmund
- Position is limited to 12 months

Our offer

- Small and motivated scientific team in a global corporation
- People-centered philosophy, your growth is our growth
- Attractive salary
- Flexible working hours

Your application

We look forward to receiving your application including a cover letter, your resume and certificates as well. Become part of our Team - apply now!

Contact Us:

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Daikin Chemical Europe GmbH promotes equal opportunities and diversity in its employment relations.

Find out more about us here: www.daikinchem.de

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