Conducting research for a changing society: This is what drives us at Forschungszentrum Jülich. As a member of the Helmholtz Association, we aim to tackle the grand societal challenges of our time and conduct research into the possibilities of a digitized society, a climate-friendly energy system, and a resource-efficient economy. Work together with around 7,100 employees in one of Europe’s biggest research centres and help us to shape change!

Batteries move our world and are ubiquitous and are the heart of energy storage systems, providing solutions for wide variety of applications. The Helmholtz Institute Münster Ionics in Energy Storage (IEK-12) as part of the Institute of Energy and Climate Research focuses on electrolyte research as a key area for future battery concepts. Major research activities comprise the design, synthesis, characterization and processing of more sophisticated battery electrolytes and chemistries. Our branch of Forschungszentrum Jülich in Münster operates in close cooperation with the University of Münster and RWTH Aachen University, in this way fostering joint research efforts while promoting this important forward-looking field of electrochemical energy storage.

We are looking to recruit a

Technical assistant / Technician for the synthesis and characterization of advanced electrolyte components / polymers

Your Job:
Join a company funded research project to develop new battery chemistries and expand functionalities of current battery technologies to achieve next-generation, eco-friendly and safe batteries.

• You are involved in the identification and development of novel electrolyte components and polymers for lithium-based battery chemistries
• You will characterize relevant properties of the electrolytes/polymers in lithium-based cells by complementary methods
• Cooperation and exchange with industry partners
• You will participate in regular meetings with the involved partners from industry and research
• You will contribute to regular progress reports

We look forward to receiving your application until 12.06.2022 via our Online-Recruitment-System!
Questions about the vacancy?
Get in touch with us by using our contact form.
Please note that for technical reasons we cannot accept applications via email.
www.fz-juelich.de
Your Profile:
• Completed apprenticeship as a chemical-technical assistant or as a certified technician in the field of chemistry or materials science or a related field
• Background knowledge and interest in electrochemistry and organic/polymer synthesis
• Very good in spoken and written English, as you will be in direct contact with our Korean project partners
• Some proficiency in German is preferred
• Strong cooperation and communication skills
• Structured, targeted and independent way of working
• Ability to contribute in an international and interdisciplinary team
• Familiar with an interdisciplinary scientific environment

If you don’t meet all the requirements we specified you are still welcome to apply. It might be possible to gain missing knowledge during the induction.

Our Offer:
We work on the very latest issues that impact our society and are offering you the chance to actively help in shaping the change! We offer you:
• Exciting and varied tasks in an innovative subject area and an international and interdisciplinary working environment
• Team-oriented working atmosphere that leaves room for creativity and independence
• A comprehensive induction to prepare you best for your job
• Opportunity to expand industry-relevant knowledge of battery chemistry development
• Further development of your personal strengths combined with a socially balanced working environment
• Comprehensive company health management
• Capital-forming benefits and a company pension plan
• 30 days of vacation per year

The position is initially limited until 31.05.2025. Salary and social benefits in conformity with the provisions of the Collective Agreement for the Civil Service (TVöD).

Place of employment: Münster

We welcome applications from people with diverse backgrounds, e.g. in terms of age, gender, disability, sexual orientation / identity, and social, ethnic and religious origin. A diverse and inclusive working environment with equal opportunities in which everyone can realize their potential is important to us.