



The **Electrochemistry** teams are looking for students for an

Internships, Master-Thesis

What you will be working on:

Our teams dedicated to applied electrochemistry and resources work on various projects addressing the recovery of resources from Li-ion batteries, energy storage using redox-flow-batteries and water treatment by advanced oxidation processes.

The **DECHEMA-Research Institute (DFI)** is an independent non-profit foundation with a research focus on electrochemical technologies, corrosion and material science. 80 researchers are working on key topics in energy solutions, sustainable chemistry and innovative materials covering the scope from fundamental research to technological applications. Our goal is developing ecologically and economically viable solutions for industry.

Key Aspects of our Research:

- » Development of electrochemical methods for recovery of critical material from battery waste streams.
- » Process development for scaling metal extraction
- » Synthesis of polyoxometalates for flow-batteries
- » Electrochemical characterization and battery testing
- » Degradation of pollutants (e.g. PFAS) in waste waters

What we are looking for:

- » Background in chemistry or chemical engineering
- » Experience in electrochemistry and inorganic chemistry
- » Passion for research and experimental scientific work
- » Dedication to working in an interdisciplinary team
- » Quick understanding of new concepts

What we offer:

- » Being part of cutting-edge research in a well-equipped modern research laboratory
- » Excellent working conditions within a collaborative and supportive team environment
- » Collaboration with partners from industry

If you're interested in working in our team, we look forward to hearing from you!

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