

Research Technician - Battery Technology

Research Group Freunberger

- Full Time (40h/w)
- Klosterneuburg (Vienna), Austria
- € 34,000* gross/year – Limited until 31/10//2023 (extension t.b.d.)

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The Institute of Science and Technology Austria (ISTA) is a growing international institute for conducting frontier research in mathematics, computer science, and the life and physical sciences. We recruit passionate professionals from all over the world and from all fields who support our goals of excellence in research and science management. Located on a beautiful campus on the outskirts of Vienna, we offer numerous opportunities for personal growth in a stable working environment. [Get an insight!](#)

Your responsibilities

The [Freunberger group](#) works on the fundamental science of electron and ion conducting and redox active materials. We incorporate these materials into rechargeable batteries. Current technologies bear societal problems like environmentally and humanly unfriendliness or safety issues. The technology of Redox-Flow-Batteries serves as a way out. For our new invention in this field, we are looking for an ambitious team member to support our dynamic team in battery testing. We show you how to build and analyze batteries. After a training period, you will be responsible for a self-reliant lab operation with focus on:

- Electrochemical analysis of our organic compounds by Cyclic Voltammetry, Impedance Spectroscopy, building batteries, battery testing
- Development of battery components like separators and electrodes
- Optimizing existing battery prototypes
- Laying the groundwork for a potential spin-off company

Your profile

- Education in (Technical) Chemistry, Applied Chemistry, Material Science or related field (HTL, BSc, MSc)
- Experience in electrochemistry is advantageous but not necessary (we will train you)
- Good English and/or German skills
- Proactive personality with attention to detail and strong problem solving skills
- Team player with the ability to work independently, learn quickly, and multi-task
- Hands-on mentality and willingness to learn new processes

Your benefits

- Education & training
- Cafeteria
- Childcare
- Free shuttle bus

- Multiple health offers
- Pension insurance

We look forward to your application via our [job portal!](#)

* This position comes with possible overpayment depending on education, qualification and work experience. ISTA processes your personal data in accordance with the law. For more information, please refer to www.ista.ac.at/data-protection.