New Thinking. New Materials.

The **INM – Leibniz Institute for New Materials** in Saarbrücken, Germany, is an internationally leading center for materials research, a scientific partner to national and international research institutions, and a research and development provider for numerous companies throughout the world. The INM is a member of the Leibniz Association and has about 250 employees.

The INM Energy Materials Group, in collaboration with the InnovationCenter INM, explores the application of novel batteries and sustainable technologies. For our research on electrochemical methods for battery recycling, we seek a

POSTDOCTORAL RESEARCHER (M/F/D)

in the field of lithium-ion battery recycling

(desired starting date: June 1st, 2021, salary level 13 TV-L, 39,5h/week, contract limited to two years, with possible extension).

Your tasks

- Synthesis and characterization of element-selective electdrode materials (like lithium iron phosphate and Prussian Blue Analogues)
- Material characterization and electrochemical methods
- Assembly and disassembly of lithium-ion battery cells
- Chemical and mechanical treatment of lithium-ion battery electrodes
- Electrochemical extraction of Li, Co, and other elements
- Leading efforts related to experimental work, data analysis, and publications.
- Support of the overall scientific work of the INM Energy Materials Group and the InnovationCenter INM.
- Communication and collaboration with academic and industry partners.

Your profile

- Successful Ph.D. in chemistry, materials science, or a related field.
- Proven expertise in lithium-ion battery research and/or recycling.
- Ability to work as a member of an international, multi-disciplinary team.
- Excellent communication and writing skills, thorough command of the English language. German language knowledge is beneficial but no prerequisite.

Your benefits

- An exciting position in a dynamic research team that interacts with leading researchers and industrial partners.
- A unique opportunity to research on pioneering methods for battery recycling
- Strong support to perform high-quality research and to present and publish your research results.
- An interdisciplinary and international workplace with excellent infrastructure.
- A comprehensive benefits package (flexible working hours, mobile working, company pension scheme).

Interested? Want to know more? Just contact us!

We are looking forward to receiving your application (CV, a complete list of publications, one-page motivation letter, at least two letters of reference) by May 15th, 2021. Please send one single pdf file < 5 MB to Prof. Presser via email to the following address: volker.presser@leibniz-inm.de (Reference “PostDoc: eLiRec”)

The INM is an equal-opportunity employer with certified family-friendly policy. We promote professional opportunities for women and strongly encourage them to apply. Full-time jobs can be generally divided.

INM

Leibniz Gemeinschaft

Zertifikat seit 2012 audit berufundfamilie

CONTACT

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