



The University of Bayreuth is a research-oriented university with internationally competitive, interdisciplinary focus areas in research and teaching. The Faculty of Biology, Chemistry & Earth Sciences at the University of Bayreuth is currently seeking to appoint a



Full Professor of Operando Analysis of Electrochemical Energy Storage

at pay grade W 3 (minimum salary per month: 7,217 euros) to commence at the earliest opportunity. This is a permanent civil service position.

The successful applicant will be expected to play an active and leading role in the newly founded
Bavarian Centre for Battery Technology (BayBatt)

BayBatt is a central scientific institute of the University of Bayreuth and combines its battery-specific expertise in physics and chemistry, materials science, engineering, computer science, and economics. The research focuses on safe high-performance materials, interface phenomena and transport processes, smart batteries and interconnected storage systems, and covers all size scales of battery research from the atomistic structure to particles, cell components and cells, battery modules and battery systems, right through to the higher-level energy system.

We are looking for a scholar with an international track record in Operando analysis of electrochemical energy storage devices. Preference will be given to NMR spectroscopic, electron microscopic, or X-ray spectroscopic expertise in the characterization of structural or dynamic processes of battery components. The willingness and ability to acquire third-party funding, including in coordinated programmes, must be evident.

The postholder will be expected to play a central role in the interdisciplinary master's programme Battery Technology & Battery Systems Engineering that is now under development. In addition to this research-related teaching, undergraduate teaching will also be provided in major and minor subjects, especially in the bachelor's programmes Chemistry and Polymer & Colloid Chemistry along with the master's programmes Materials Chemistry & Catalysis and Polymer Science. The ability to teach in English and German is expected.

The general administrative requirements for hiring professors at universities in Bavaria apply. A complete description of the vacancy can be found at www.uni-bayreuth.de/en.

Applications (CV outlining education and academic career, list of publications, list of courses taught, experience obtaining external funding, as well as copies of all diplomas and certificates) are to be submitted electronically to the Dean of the Faculty of Biology, Chemistry & Earth Sciences, Prof. Dr. Matthias Breuning, via <https://uni-bayreuth.berufungsportal.de> by **25.04.2021**. Applicants are welcome to direct questions and requests for further information to the Dean at dekanat.bcg@uni-bayreuth.de. Application documents will be deleted following the conclusion of the appointment process in accordance with data protection law.