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

FAIR AND TRANSPARENT
DHV'S HALLMARK
APPOINTMENT NEGOTIATIONS

Full Professor of Business and Information Systems Engineering and Networked Energy Storage

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

We are looking for a scholar with an outstanding international track record in energy informatics research. He or she should complement the existing focal points in business and information systems engineering and develop new strategies for application in and for the management of sustainable, complex energy systems. The willingness and ability to acquire third-party funding, including in coordinated programmes, must be evident. The person to be appointed will be expected to play an active and leading role in the newly founded **Bavarian Centre for Battery Technology (BayBatt)** .

The research focus of the chair should lie in at least two of the following areas and have relevance for the development and use of electrical energy storage systems:

- Scalable and self-organizing distributed systems for the integration, monitoring, and control of electrical storage systems
- AI-supported methods of energy management of storage systems in buildings and grids
- Quantitative modelling and economic operation management of complex energy storage systems
- Information Technology (IT) and Operation Technology (OT) of battery systems
- Virtual representation of complex energy systems (digital twin) based on models and field data
- Application of secure information and communication technology for smart homes, micro-grids, and energy information networks.

In teaching, the postholder will be expected to play a pivotal role in the interdisciplinary master's programmes Battery Technology and Battery Materials & Technology, which are currently being established, and in particular to contribute aspects of business and information systems engineering. The willingness to contribute to the bachelor's and other master's programmes in business and information systems engineering, which are currently being developed, is a prerequisite. The ability to teach in German and English is also 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 (University / Work at the University / Job Vacancies)**. You can find the job advertisement of **four further full professorships at BayBatt** there.

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 Law, Business & Economics, Prof. Dr. Jörg Schlüchtermann, via **https://uni-bayreuth.berufungsportal.de** by **7 November 2021**. Applicants are welcome to direct questions and requests for further information to the Dean at **dekan.rw@uni-bayreuth.de**. Application documents will be deleted in accordance with data protection law following the conclusion of the appointment process.