

The Bits to Energy Lab at the **Otto-Friedrich-University Bamberg** offers a **full-time position** starting September 2022 (or later) as a

**Research Associate - m/f/d**  
**TV-L E 13 with the goal of a doctorate degree**

**About Us** - The Bits to Energy Lab develops information systems and artificial intelligence techniques to leverage available energy and behavioral data for more sustainable decisions by individuals. Our projects at the intersection of the research fields of information systems, artificial intelligence, and decision theory develop concrete solutions with measurable impact on key societal challenges, especially related to energy, sustainability, and mobility. In our interdisciplinary team, we work closely with (inter-)national partners from academia and industry. Our research results are published in leading scientific journals.

The Bits to Energy Lab Bamberg is located at the Chair of Information Systems and Energy Efficient Systems (Prof. Dr. Thorsten Staake) at the Faculty of Information Systems and Applied Computer Science. The team in Bamberg is internationally oriented and works closely with the other locations of the Bits to Energy Lab at ETH Zurich, the University of Erlangen-Nuremberg, and the University of St. Gallen.

**We offer**

- A fully funded position in a young, dedicated team that addresses important societal challenges using scientific methods
- A creative and inspiring work environment in which you develop, implement, and analyze innovative projects in collaboration with renowned research partners
- Interdisciplinary project work and a first-class international network
- Integration into courses on data-driven decision support
- An excellent starting position for an academic career or a career in business

**Requirements profile**

- Very good Master's degree (or close to graduation) in Information Systems, Computer Science, Engineering, Data Science, Economics with a strong quantitative focus or related disciplines.
- Excellent written and spoken German and English skills
- Very good quantitative methods and programming skills (R or Python is an advantage)
- Interest in empirical-quantitative research (e.g., experiments, data analysis, machine learning)
- Ability to work independently as well as enjoy working within an interdisciplinary team
- Positive attitude, strong interpersonal and communication skills, initiative, willingness to work hard, high sense of responsibility and creativity
- Experience as a student assistant an advantage

We look forward to receiving your application! Please send your application documents (including cover letter, CV, certificates, and references) to Dr. Konstantin Hopf ([konstantin.hopf@uni-bamberg.de](mailto:konstantin.hopf@uni-bamberg.de)). For more information about our research, please visit our websites [www.uni-bamberg.de/eesys](http://www.uni-bamberg.de/eesys) (Bamberg site) and [www.bitstoenergy.com](http://www.bitstoenergy.com) (for all four Bits to Energy Lab sites).

The Otto-Friedrich-Universität Bamberg promotes professional equality for women; applications from women are thus expressly encouraged. Otto-Friedrich-Universität Bamberg has been certified as a family-friendly university by the Hertie Foundation. It is particularly committed to the compatibility of family and working life. Severely disabled applicants (m/f/d) will be given preference in the case of essentially equal suitability and qualifications.