

The Bits to Energy Lab research team at the University of Erlangen-Nuremberg offers a full-time position from August 2021 (or later):

PhD Position (100%, TV-L E13)

About the team

The Bits to Energy Lab develops information systems and analyzes behavioral data that are increasingly available both in professional and in private contexts. Our projects at the intersection of Information Systems research and Behavioral Economics strive to create concrete solutions with a measurable impact on relevant challenges of our society, in particular in the sustainability, mobility and nutrition domain. In an interdisciplinary team, we collect and analyze real-world data (e.g. energy consumption, movement profiles, or purchasing data) in collaboration with top international partners from academia and industry.

The Bits to Energy Lab Nuremberg under the leadership of Prof. Dr. Verena Tiefenbeck (Tenure-Track-Professorship for Digital Transformation) offers a PhD-position for a fixed term of 3.5 years. The professorship belongs to the Institute of Information Systems, which is part of the School of Business, Economics and Society at FAU. Applications from related fields are also welcome.

The Nuremberg team collaborates closely with the lab's teams at ETH Zurich, at the University of Bamberg, and at the University of St. Gallen. The first project in the context of the advertised position aims to save energy in the transport sector and is carried out in cooperation with a large mobility provider.

What we offer

- A fully funded position in a young, highly motivated team dedicated to tackling major real-world problems with scientific rigor
- A creative and inspiring environment to design, implement, and analyze cutting-edge research projects together with leading partner institutions
- Interdisciplinary project collaborations and a top international network
- An excellent starting position for both, an academic career and a career in industry

Required qualifications and skills

- Master's degree (or close to finishing) in business informatics, economics, or quantitatively oriented social sciences
- Very good university track record
- Excellent English and very good writing skills
- Strong quantitative background (programming skills are a plus)
- Ability to work both independently and as part of an interdisciplinary team
- Positive mindset, eagerness to learn, creativity in problem-solving
- German language skills
- Experience as research or teaching assistant is a plus

Please send your application (including a cover letter, CV, transcript of records, references) to Ms Julia Neukam (Julia.neukam@fau.de). We are looking forward to receiving your application! For further information about the Bits to Energy Lab, please visit our website www.bitstoenergy.rw.fau.de (Nuremberg site) and www.bitstoenergy.com (the four Bits to Energy Lab sites).