

Research meets Start-up: A new angle to real-time tariffs for households

Combined job opportunity between KIT SGEM and MVV Energie AG

Work Hours: full-time (2 months internship + 5 months master thesis) | Start Date: 01.05.24

The Smart Grids and Energy Markets Research Group at the Chair of Information & Market Engineering, led by Prof. Dr. Christof Weinhardt, is on the lookout for passionate students to join an exciting collaborative project with MVV Energie AG. In this collaboration, you'll be involved in pioneering new tariff models for household electricity customers, offering not just insights into actively engaging in a dynamic innovation process (Intrapreneurship), but also you'll be shaping research questions related to consumer behavior, with the option to be developed into a Master's thesis with the SGEM group.

Your Mission:

- Dive into the leadership and coordination of an innovative project focusing on renewable energy for residential customers.
- Contribute to the documentation and presentation of project outcomes while aiding in internal communication within MVV.
- You test developed customer processes and help to improve the UX (user experience) with your feedback.
- Contribute to survey creation for expected customer behavior and needs and take charge of research design, data analysis, and scientific methodologies. (Part I of your master thesis)
- Analyse changed customer behavior before and after the implementation the new tariff model in a field test. (Part II of your master thesis)

Your Profile:

- Currently pursuing studies in Industrial Engineering, Computer Science, Business Administration, Innovation Management, or related fields.
- A robust academic track record is preferred, reflecting your commitment.
- Strong conceptual and analytical thinking skills, coupled with a knack for independent problem-solving.
- Previous hands-on experience in projects and with behavioral research is advantageous.
- Enjoy working collaboratively within a team.
- Excellent proficiency in both written and spoken German and English.
- Curiosity and openness to new ideas, coupled with a flair for innovation and business models.

Join us in shaping the future of energy markets with MVV Energie AG and the SGEM Research Group. This is not just an opportunity to learn, but to actively contribute to cutting-edge projects in the energy domain.

Ready to get a taste of a start-up and the research community? Apply now!

Please send your application material to kim.miskiw@kit.edu.