

Job Opening

Research Assistant Position in *Energy Market Design*

(75% / TV-L E13)

The Chair of Economic Theory (Prof. Grimm) at FAU Erlangen-Nürnberg offers a Research Assistant Position as of March 2024 or shortly thereafter.

Applicants should have a qualified degree in industrial engineering, economics, mathematics, operations research, or a closely related discipline with fundamental knowledge in microeconomics and mathematical modelling. The ideal candidate has initial experience in theoretical or empirical research in energy markets and should have a strong quantitative background. Proficiency in oral and written German and English is required.

Within a specific research project, the candidate will focus on one of the following topics: analysis of market designs and incentives for regional flexibility in the German and European electricity sector, the local energy transition in urban quarters, cross-sectoral effects of energy pricing, or development of international hydrogen markets. The broader research group aims to understand how market design affects investment incentives in supply capacity, storage, and network infrastructure in the energy sector.

The team has built up a strong expertise in the area of energy market modelling, is involved in various joint activities with industrial partners and policy consulting projects, and participates in the collaborative research center DFG Transregio 154: Mathematical Modelling, Simulation and Optimization using the Example of Gas Networks (www.trr154.fau.de) and the Zentrum Wasserstoff Bayern (H2.B) (www.h2.bayern).

The research group offers a lively research environment, financial support for attending conferences, and an intensive supervision within a large and interactive team. Salary corresponds to the German pay scale (75% / TV-L E13). The appointment is initially limited for a period of one year and is planned to be extended for up to additional three years. In order to increase the proportion of female staff members, applications from female scientists are particularly encouraged. Preference will be given to disabled persons with the same qualification.

For further information about the position, please contact Jonas Egerer (jonas.egerer@fau.de). Please submit your electronic application as a **single** pdf file including the standard materials (vita and diplomas) no later than **December 3rd, 2023** to jonas.egerer@fau.de (with a copy to angelabrunner@fau.de). Please refer to “**PHD position on Energy Market Design**” in the reference line of the email.

