

Job Opening

**Research Assistant Position in *Hydrogen Economy***

(75% / TV-L E13)

The Chair of Economic Theory (Prof. Grimm) at FAU Erlangen-Nürnberg together with the research center Energie Campus Nürnberg (EnCN) offer a Research Assistant Position as of January 2020 or shortly thereafter.

Applicants should have a qualified degree in industrial engineering, economics, mathematics, operations research, or a closely related discipline. The ideal candidate has initial experience in theoretical or empirical research in energy markets and should have a very good technical understanding. Proficiency in oral and written German and English is required.

Within a specific research project, the candidate will focus on the analysis of different mobility concepts based on electric fuels and batteries from a techno-economic perspective. The candidate will be part of the EnCN-research unit "Storage" led by Prof. Wasserscheid as well as the EnCN-research unit "Energy Market Design" led by Prof. Grimm. The research unit "Storage" focuses on the technical realization of hydrogen storage systems using liquid organic hydrogen carriers (LOHC), and on economic comparison of LOHC with other electric fuels in the context of hydrogen logistics. The unit "Energy Market Design" aims to understand how market design affects investment incentives in supply capacity, storage, and network infrastructure in the energy sector.

The research will be closely related to the current initiative of the Bavarian state government to promote to broad usage of hydrogen in mobility, industry, and the energy sectors in general. The initiative is coordinated by Profs. Grimm and Wasserscheid through the newly founded Zentrum Wasserstoff Bayern (H2.B) ([www.h2.bayern](http://www.h2.bayern)).

The research groups offer 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 two years and can 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 Philipp Runge ([philipp.runge@fau.de](mailto:philipp.runge@fau.de)). Please submit your electronic application as a **single** pdf file including the standard materials (vita and diplomas) no later than **October 15, 2019** to [philipp.runge@fau.de](mailto:philipp.runge@fau.de) (with a copy to [angela.brunner@fau.de](mailto:angela.brunner@fau.de)). Please refer to "PHD position on Hydrogen Economy" in the reference line of the email.