Laboratory of Chemical Process Engineering
Campus Straubing for Biotechnology and Sustainability
Technical University of Munich

The Laboratory of Chemical Process Engineering at TUM's Campus in Straubing is looking for a

Post-Doc / Experienced scientist (f/m/d)
Coordination of research on renewable fuels

We are looking as soon as possible for a motivated post-doc / experienced scientist interested in developing novel processes that boost the production of bio-based liquid fuel by using electrical energy. We are looking for somebody interested in coordinating large cooperative projects, co-supervising Ph.D. students, and strategically developing our research within TUM's Green Fuel Center. Note that this position requires communication in the German language.

Expected qualification:

- High motivation and commitment to scientific excellence
- Successful Ph.D. in chemical engineering, biochemical engineering, chemistry, biotechnology, or similar with a strong publication record and recognition
- Experience in/Dedication to conceptualizing projects and experiments, project management, and supervision of young scientists
- Team player skills and enthusiasm to work in a multi-disciplinary, collaborative environment
- Very good command of English **and** German language

Our Offer:

- Deep immersion in modern research on renewable fuels using state-of-the-art laboratory infrastructure.
- Scientific career coaching and opportunities for personal development (e.g., habilitation).
- Employment at TUM with competitive salary and benefits depending on work experience and seniority under the public service wage agreement of the Free State of Bavaria - TV-L E13 (100%). The position is non-permanent and initially limited till December 2026.
- TUM is one of the most renowned universities worldwide. The Straubing Campus for Biotechnology and Sustainability is a fairly new integrative research center to provide the technological and economic foundation for a more sustainable economy through highly interdisciplinary research. Straubing is the region's local hub for social and cultural life, situated on the Bavarian forest gate, directly on the Danube river.
- As an equal opportunity and affirmative action employer, TUM explicitly encourages applications from women and others who would bring additional diversity to the university's research and teaching strategies. Preference will be given to disabled candidates with essentially the same qualifications.

Laboratory of Chemical Process Engineering
Campus Straubing for Biotechnology and Sustainability
Technical University of Munich

Application Process:

We are looking forward to receiving your comprehensive application in English or German, which includes:

- Cover letter/Motivation letter (~1 page)
- Curriculum Vitae
- List of publications
- List of projects participation indicating own role
- Academic transcripts of records down to BSc level (German or English)*
- Complete contact information for two references

*For the application, you can send the transcripts in the following languages: German, English, French, Italian, or Spanish (Translations do not have to be certified for applying, only after acceptance.)

We appreciate the application is compiled into a **single, reasonably compressed PDF file** and sent via email to burger@tum.de. Please use "Application for Post-Doc Position 3" as the subject line and **indicate when you would be available to start the position**.

If you are interested in more than one open position in our laboratory, please send only one application and indicate which positions you are interested in.

The deadline for applications is December 31st, 2022.

For further information, please contact:

Prof. Dr.-Ing. Jakob Burger
Laboratory of Chemical Process Engineering
Tel. +49 9421 187 275
burger@tum.de
http://ctv.cs.tum.de/