

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

Post-Doc / Experienced scientist (f/m/d) Development of processes for renewable fuels

We are looking 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. Together with partners in industry and academia, we want to study several novel routes and processes in that field. We look for somebody interested in coordinating large cooperative projects, supervising Ph.D. students, and strategically developing our research within TUM's Green Fuel Center.

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, young scientist supervision
- Team player skills and enthusiasm to work in a multi-disciplinary, collaborative environment
- Excellent command of the English language, at least basic knowledge of the 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 limited to 4 years.
- 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.

Application Process:

We are looking forward to receiving your comprehensive application in English, 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 include "Application for Ph.D. Position 4" in the subject line. 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.

Review of applications will begin immediately and continue until the position is filled. While this job offer is still online on our website (<http://ctv.cs.tum.de/>), it is still open for applications.
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For further information, please contact:

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