

Postdoctoral Position (m/f/d): Energy Area Research Leader

The Munich Institute of Integrated Materials, Energy and Process Engineering (MEP) of The Technical University of Munich (TUM) is looking for a MEP Energy Research Area leader. The candidate is expected to coordinate energy research within the MEP, produce the cutting-edge research results and to disseminate them within the scientific community. Most of the research is expected to be performed within TUM Research Center for Smart Energy Systems (CoSES)

Your responsibilities:

- Initiate and coordinate energy research within the MEP.
- Promote multi-disciplinary research within TUM.
- Obtain research funding from funding agencies.
- Promote the collaboration with industry.
- Develop new planning and operational methods of sector coupled energy systems.
- Design and conduct experiments in the laboratory environment.
- Publish the research results in the high-quality international journal and conferences.

Your qualifications:

- PhD degree in mechanical/electrical engineering, computer science, physics or equivalent from reputed university.
- Strong technical background in modeling of energy systems.
- Background in embedded systems and software engineering
- Open minded and ready to open new research directions.
- Excellent English language skills.
- German language skills are preferable.
- Good analytical and problem-solving skills with the ability to work in a team.

Our offer:

We offer a full-time position as academic staff. The position will be limited to two years but can be extended for another three years. Payment will be based on the Collective Agreement for the Civil Service of the Länder (TV-L). TUM strives to raise the proportion of women in its workforce and explicitly encourages applications from qualified women. Applications from disabled persons with essentially the same qualifications will be given preference.

Your application:

If you are interested in working in our team, please send your application together with a strong CV and supporting documentation to the Technical University of Munich, Center for Energy and Information, Prof. Dr. Thomas Hamacher, Lichtenbergstraße 4 a, 85748 Garching, no later than 30th of June 2022, thomas.hamacher@tum.de.

Do not hesitate to contact Professor Hamacher for any question.

If you apply in writing, we request that you submit only copies of official documents, as we cannot return your materials after completion of the application process.

As part of your application, you provide personal data to the Technical University of Munich (TUM). Please view our privacy policy on collecting and processing personal data in the course of the application process pursuant to Art. 13 of the General Data Protection Regulation of the European Union (GDPR) at <https://portal.mytum.de/kompass/datenschutz/Bewerbung/>. By submitting your application, you confirm to have read and understood the data protection information provided by TUM.

Find out more about us at www.tum.de.