

The following full-time position as Senior Researcher is to be filled as soon as possible

Postdoc in Mechanical Engineering / Energy Engineering related field

Lehrstuhl für Thermodynamik, Dept. Engineering Physics and Computation, School of Engineering and Design,
TUM

Working Opportunities:

- Development of own research portfolio and research group
- Support for habilitation research

Qualifications:

- Ph.D. thesis in engineering, thermodynamics, energy, and heat transfer
- Teaching experience is necessary, either as
 - a teaching assistant in Germany and on an international level (preferred)
 - or with proven experience of supervision on Master thesis level
- Fluent in German and English
- Proven by peer-reviewed publications in indexed journals

Required Work Contribution:

- Administrative support in running the chair of Thermodynamics, such as
 - Commissioned for TUMonline
 - Experienced in teaching courses and exam administration
- Project development including planning, cost calculation, and controlling
- Facility development
 - Supervision of experimental facilities
 - Safety Reviews, Secova Sam administration
- Teaching bachelor- and master-level classes in the thermodynamics curriculum, such as
 - M.S. level Heat- and Mass Transfer
 - B.S. level Heat Transfer

Soft Skills

- Be able to initiate and develop collaboration across different disciplines and with industry
- Good time management and planning skills, with the ability to meet tight deadlines and work effectively under pressure
- Proven ability to manage competing demands effectively, responsibly, and without close support
- Proven ability to work well both individually and in leading a team
- Collaborative personality with a teamwork spirit

What we offer

Payment according to TV-L West E14 in full-time (40 hours a week) for a minimum of three years, with a possible 3-year extension, and subsequent permanent employment.

TUM has been pursuing the strategic goal of substantially increasing the diversity of its staff. As an equal opportunity and affirmative action employer, TUM explicitly encourages nominations of and applications from women as well as from all others who would bring additional diversity dimensions to the university's research and teaching strategies. Preference will be given to disabled candidates with equal qualifications. International candidates are highly encouraged to apply.

Application

Professor Wen is looking forward to receiving your informative documents. Please send your application by e-mail to helga.bassett@tum.de in one single PDF file (incl. an introductory letter, CV, qualification documents, list of publications, and any references you might have).

Do not hesitate to contact Ms. Helga Bassett for any administrative questions you may have (+49.89.289-16217, helga.bassett@tum.de).

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

Application deadline / Closing date: March 31st, 2024