



Opportunities
for Talents



Technische Universität München

Postdoctoral position in Calculus of Variations

3 years, 100%, m/w/d, starting May 2023.

Applications are invited for a 3-year postdoc position (100% TVL) in the Emmy-Noether Program research group of Leonard Kreutz on **Variational models in Materials Science: from crystalline structures to continuum theories**. The group is located within the Chair for Analysis of the Department of Mathematics, School of Computation, Information and Technology at the Technical University of Munich.

The candidate shall have a PhD degree in Mathematics (or in a closely related field). A strong background in calculus of variations or applied analysis is required. Applications from candidates who are about to finish their PhD program are also welcome.

Solid English skills, both oral and in writing, are expected. In addition, the successful candidate is highly self-motivated and has a good ability to work both independently as well as in a team. Her/his activities will include conducting research with other group members and external collaborators, and participating in other activities of the group. Proficiency in German is not required.

The successful candidate will have the opportunity to work within a vibrant, interdisciplinary and international research environment on the Garching Campus of the TU München, with several groups working in theoretical computer science, discrete optimization, operations research, engineering, and related fields and departments. For more information on the TUM Department of Mathematics, please visit our website: www.ma.tum.de.

This fixed-term position is available starting from May, 2023. The expected starting date is between May and October 2023. The appointment is for three years. The position is paid according to the Federal German payment scale TV-L (100% position); the actual salary depends on academic experience, family situation, tax classification, etc. Travel support for attending conferences, workshops, etc. is of course available.

Please address any questions on the position to Leonard Kreutz via email: lkreutz@andrew.cmu.edu

Applications should include a CV with list of publications, a short research statement describing research interests and goals and the names and addresses of 2 potential referees whom we can ask for recommendations.

Applications should be sent a **single PDF file** by **November 30th, 2022** to Leonard Kreutz at lkreutz@andrew.cmu.edu. Please state "Postdoc2023-surnameoftheapplicant" in the subject line.

The evaluation of the applications may start immediately. Later applications will be considered until the position is filled.

As an equal opportunity and affirmative action employer, TUM explicitly encourages 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 candidates with disabilities who have essentially the same qualifications.

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.