

## Research Associate (f/m/d) with the opportunity to pursue a Ph.D.

The Technical University of Munich is looking for a Research Associate.

### Your tasks/responsibilities:

The research group of Prof. Frank Ortmann was established at TU Munich (TUM) to strengthen theoretical and computational research in the strategic field of energy conversion. The group is also part of the **Cluster of Excellence "e-conversion"** and our research benefits from highest-level experimental collaborations. TUM is consistently ranked among the top universities in Europe and additional information about research of the group can be found at [www.department.ch.tum.de/tms](http://www.department.ch.tum.de/tms).

Your activities will include **theoretical modelling/method development** for the **simulation of electron transport and excitons in organic materials for solar cells**. The ability to work in a team and independently as well as to take responsibility for the progress of the project is expected.

### Your qualifications:

For a successful application, an excellent Master degree in Physics, Chemistry or an equivalent degree will be necessary at the starting time of the PhD project. The candidate is expected to have a background in theoretical chemistry or theoretical physics with a strong interest and pertinent experience with computer simulations and programming. Knowledge of ab initio simulations would be of great advantage. Very good communication and writing skills in English are further expected.

### Our offer:

We offer a position as research associate with the opportunity to pursue a doctoral degree. The position is limited to three years. Payment will be based on the Collective Agreement for the Civil Service of the Länder (TV-L) according to a 66% TV-L 13 scale. 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.

### Application:

Application documents (CV, motivation letter) should be sent as a single pdf file to [frank.ortmann@tum.de](mailto:frank.ortmann@tum.de). Subject: "Application PhD2022-1, your\_Surname", Deadline: **28.02.2022**

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.my-tum.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](http://www.tum.de)