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## **Ph.D. Positions (f/m) in Theoretical Physics at the Technical University of Munich (TUM)**

Our young research group will move to the Department of Physics at TUM and establish the Professorship on **Theory of Functional Energy Materials** in June 2019. The group is led by David Egger and supported via the prestigious **Sofja Kovalevskaja award** of the Alexander von Humboldt Foundation.

Currently, we seek Ph.D. students for **theoretical and computational research on energy materials**. Projects of interest include **molecular dynamics of photovoltaic semiconductors** (e.g., layered perovskites) and **theoretical spectroscopy of complex material systems**. We are a team of young scientists and offer exciting Ph.D. research in an **internationally leading environment**. TUM has been ranked **6<sup>th</sup> in physics in Europe** according to the “QS World University Rankings by Subject 2019”, and could recently secure an excellence cluster on the fundamentals of energy conversion (see [www.e-conversion.de](http://www.e-conversion.de)).

We are looking for motivated students with strong interests in pursuing **research on theory of materials**, who are excellent team players and have an **M.Sc. degree in physics** (or equivalent). First experiences with electronic structure/molecular dynamics techniques are an asset, **computer and/or programming skills** are a must.

To apply, please send your curriculum vitae, a transcript of your M.Sc. degree, and a brief statement that explains your motivation for pursuing a Ph.D. (all in English) to Dr. David Egger by email:

**david.egger@ur.de**