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Alexander von Humboldt
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Ph.D. Position (f/m) in Theoretical Physics of Energy Materials

Our young, dynamic research group recently moved to the Department of Physics at TU Munich and established the professorship on **Theory of Functional Energy Materials**. The group is led by David Egger and supported via a prestigious Sofja Kovalevskaja award of the Humboldt Foundation – see www.theoFEM.de for more information.

Currently, we seek one Ph.D. student for **exciting theoretical and computational research on energy materials**. Projects of interest include **molecular dynamics of solar materials, vibrational spectroscopy of battery materials, and theory of electron-phonon coupling**. We are a team of young scientists and offer exciting Ph.D. research in an **internationally leading environment**, including the opportunity of **collaborations with experimental partners**.

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** as well as a high proficiency in English 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 David Egger by email:

david.egger@tum.de