



Universität Stuttgart



### PhD / PostDoc position

in the field of biochemical-simulations available at the  
Institute of Theoretical Chemistry, Stuttgart University.

[www.theochem.uni-stuttgart.de/kaestner/](http://www.theochem.uni-stuttgart.de/kaestner/)

In the Computational Biochemistry Group we investigate bio-chemical reactions by means of QM/MM simulations. This project is a combination of applications (like monoaminoxidase) and method development. QM/MM calculations and implementations will be done using ChemShell ([www.chemshell.org](http://www.chemshell.org)), co-developed in our group.

Possible candidates should have a background in chemistry, physics, biology, or related disciplines and should have a strong interest in computer simulations and program development. They should be willing to collaborate with experimentalists as well as theoreticians. Excellent English skills are a pre-requisite.

We offer the successful candidates an intellectually challenging position in the inspiring atmosphere of an interdisciplinary team in the SimTech cluster of excellence. Advanced training in different fields and participation at international conferences are highly encouraged. Salary for the postdoc position according to TV-L13, salary for the PhD-position TV-L13/2 (or higher, depending on the qualification).

Please send your application with a letter describing your background and interests, your CV, list of publications (if applicable) the contact addresses of two academic references and copies of certificates to: Jun.-Prof. Johannes Kästner, [kaestner@theochem.uni-stuttgart.de](mailto:kaestner@theochem.uni-stuttgart.de).