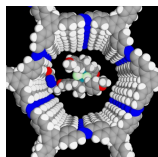


University of Stuttgart
Institute for Theoretical Chemistry



Collaborative Research Center 1333
Molecular Heterogeneous Catalysis in
Confined Geometries

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PhD student position in theoretical chemistry at the University of Stuttgart, Germany

A position for a doctoral researcher (PhD student) is available in the group of Johannes Kästner within the newly established Collaborative Research Center (CRC) 1333 – Molecular Heterogeneous Catalysis in Confined Geometries. Understanding catalysis in pores requires the simulation of catalytic processes on several length scales. Within this project, DFT and QM/MM simulations will be performed. These will be done in close collaboration with the experimental partners (both synthetic and analytic chemistry) within this CRC.

PhD candidates should hold a university master's degree in chemistry, physics, or related disciplines and should have a strong interest in computer simulations.

To fit into the team, you should be willing to collaborate with experimentalists as well as theoreticians. Excellent English skills are a prerequisite. We offer the successful candidates an intellectually challenging position in the inspiring atmosphere of an interdisciplinary team connected to the SimTech cluster of excellence at the University of Stuttgart and participating in the graduate academy of University of Stuttgart GRADUS. Ample computer time is available. Advanced training in different fields and participation at international conferences are highly encouraged.

If you are interested please send your application (CV, list of publications, certificates of relevant university degrees, contact details for references) via email to Johannes Kästner, kaestner@theochem.uni-stuttgart.de, Institute for Theoretical Chemistry, University of Stuttgart, , or contact him in an informal manner.

The University of Stuttgart is an equal opportunity employer. Applications from women are strongly encouraged. Severely challenged persons will be given preference in case of equal qualifications. Sharing of full-time positions is generally possible. The appointment will be by the central administration office of the University of Stuttgart.