

PhD position in Theoretical Chemistry (Siegen, Germany)

Field: PES, SPECTROSCOPY AND REACTION DYNAMICS of SMALL MOLECULES

A PhD position in Theoretical Chemistry is available at the University of Siegen. Our group is working on Quantum Chemical and Dynamics investigations of small molecular systems. The objects of the study are highly accurate calculations of the potential energy surfaces of several electronically excited states, including adiabatic and non-adiabatic corrections and relativistic effects and investigations of the nuclear dynamics from 'low to high energies' within the collision system  $\text{H}_3^+$  with all its isotopomers.

Students interested in this grant can contact us at:

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The position will suit candidates with a strong background in molecular physics, theoretical and/or computational quantum chemistry, preferable in rovibrational spectroscopy, wave-packets dynamics, potential energy fitting. Experience with linux and programming languages (fortran) is desired.

Interested applicants should submit, preferably by e-mail, a CV, grade transcripts, copies of Diploma or Master's certificates and transcripts, short summary of Diploma or Master's thesis, copies of publications (if available) and the names of two referees (with postal and e-mail addresses).

The position is available immediately for a period of three years and is connected with teaching duties (currently 2 hours/week). The salary is based on the German public service scale (TV-L E13/2).