

Several PhD positions are available in the Department of Chemistry at University of Zurich (Switzerland). The research topics deal with method development and application in the field of spectroscopy and accurate description of reaction processes, in particular for solar-light driven water splitting. The projects will be carried out in close collaboration with experimental/theoretical groups and are embedded in the university research priority program "Solar Light to Chemical Energy Conversion". Methods used will include density functional theory and wavefunction-based approaches combined with *ab initio* molecular dynamics and enhanced sampling methods.

The candidates must hold a Master's degree in chemistry, physics, or related. Strong programming skills and good knowledge about electronic structure theory and molecular dynamics are an advantage.

For further information, please contact Prof. Sandra Luber (Sandra.luber@chem.uzh.ch).

Interested applicants are encouraged to send their application documents (CV, description of research experience and motivation, names of two academic references) as a pdf document per e-mail to Prof. Sandra Luber.