



## Open PhD student position in theoretical/computational chemistry

A 4-year PhD position is available in the Department of Chemistry at University of Zurich (Switzerland).

### About the project

Our group focuses on forefront computational methods and applications at the interface of chemistry, biology, physics, and materials science ([www.chem.uzh.ch/en/research/groups/luber.html](http://www.chem.uzh.ch/en/research/groups/luber.html)).

The project deals with novel, accurate approaches for spectroscopy and/or *in silico* design of catalysts for artificial solar light-driven water splitting. The project will possibly be carried out in close collaboration with experimental groups and is embedded in the university research priority program "Solar Light to Chemical Energy Conversion" ([www.lightchec.uzh.ch](http://www.lightchec.uzh.ch)). Methods used and developed will include static and dynamic *ab initio* approaches. For further information, please contact Prof. Sandra Luber.

### Candidate Requirements

The candidate must hold a Master's degree in chemistry, physics, or related, and have profound English skills. The successful candidate will be creative, ambitious, and highly motivated. Strong programming skills and good knowledge about electronic structure theory, molecular dynamics and (transition metal-based) catalysis are an advantage. We offer an inspiring environment with cutting-edge resources, access to world-leading supercomputers, and high-profile interdisciplinary collaborations.

### Applications

Interested applicants are encouraged to send their application documents (cover letter, CV, certificates, description of research experience and motivation, names of at least two academic references) as one pdf document per e-mail to Prof. Sandra Luber (email: [sandra.luber@chem.uzh.ch](mailto:sandra.luber@chem.uzh.ch)). Start date: by agreement.