

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.

The research topic of the project deals with development and application of novel approaches in the field of spectroscopy/design of catalysts for artificial water splitting. The project will possibly be carried out in collaboration with experimental groups, for instance of the university research priority program “Solar Light to Chemical Energy Conversion” (www.lightchec.uzh.ch). Methods used will mainly encompass 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 and molecular dynamics are an advantage. We offer a competitive salary as well as 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, diploma, 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.

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