

## Cluster of Excellence MECS

### A postdoc in Theoretical Chemistry at the University of Vienna, Austria

**Research Area:** Theoretical Chemistry

**Principle Investigator:** Prof. Dr. Leticia González

**Name of Institute:** Institute of Theoretical Chemistry, University of Vienna, Austria

**Duration:** 24 months

A postdoc position is open in the group of Leticia González (<https://theochem.univie.ac.at/>) to start as earliest as 1<sup>st</sup> of October 2024 (or later upon agreement) to work within the **Cluster of Excellence MECS “Materials for Energy Conversion and Storage”** (<https://coe-meecs.at>).

We seek motivated candidates to work in method development bringing our home developed surface hopping code (SHARC, <https://sharc-md.org>) to be able to describe **excited state processes in relevant solar materials**, such as metal-organic frameworks or the solid state.

The candidate should be experienced with software development and either nonadiabatic molecular dynamics or periodic DFT calculations.

**Your profile:** The successful applicant will have strong interest in theoretical and computational chemistry, experience in programming and method development, as well as background on excited states, or multiscale approaches and possibly energy and charge transfer processes. She/he should be highly motivated to work in an interdisciplinary and international team and should have excellent written and oral communications skills in English.

Interested?

Apply to <https://meecs.cloud.opencampus.net/>

Additionally, you can send your motivation letter, CV, a list of publications, and arrange for two recommendation letters to be sent to Prof. Dr. Leticia Gonzalez ([leticia.gonzalez@univie.ac.at](mailto:leticia.gonzalez@univie.ac.at))

At the University of Vienna we value diversity. Thus, to ensure equal opportunities, applications by women with the required qualifications are encouraged. Qualified individuals with disabilities will be favored.