

Open PhD position in the Goerigk group, The University of Melbourne, Australia.

We currently have one scholarship available for a talented student that is interested in pursuing a PhD degree in the field of Theoretical Quantum Chemistry in our group at The University of Melbourne, Australia.

Potential applicants need basic knowledge in Computational/Theoretical Chemistry, basic mathematical knowledge, a keen interest in Chemistry, and also knowledge in how to handle command-line based programs. Applicants with programming skills (particularly in C++ and/or Fortran) will be given preference.

The University of Melbourne is the leading university of Australia and Melbourne itself has been continuously ranked as the “World’s most liveable city”. The Goerigk group is part of the newly founded "Melbourne Centre for Theoretical and Computational Chemistry", which comprises three groups working in the areas of wave function theory, density functional theory, method development, applied computational chemistry, description of rare-earth compounds, development of single-molecular magnets, kinetics, atmospheric chemistry, and thermochemistry to name a few examples. New PhD students will therefore be able to work in a stimulating environment that will further enhance their career development.

A typical PhD scholarship at The University of Melbourne runs for three years with the potential to extend for an additional 6 months period. Potential applicants should familiarise themselves with the entry requirements to the PhD program of the Faculty of Science at The University of Melbourne. While the final application will have to be submitted to the Faculty’s Graduate School of Science, interested applicants should first contact Dr Lars Goerigk (lars.goerigk@unimelb.edu.au) and send their CV — including academic transcripts, references, and a list of quantum chemical concepts covered at university — as well as a document written in academic English outlining their motives for pursuing a PhD.

The scholarship can be taken up anytime between July and October 2018. Please refer to the Goerigk group website for more information.

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