



Clausius-Institute for Physical and Theoretical Chemistry

Postdoc-Position: Surface Science/ Scanning Tunnelling Microscopy on Organic Molecules

We are performing research in the field of experimental surface science with a focus on the properties of large semi-conducting organic molecules adsorbed on surfaces. We offer a postdoc position (100% TVL 13 for 24 months). The project will be mainly based on scanning tunnelling microscopy (STM) on well-defined surfaces. The aim is to obtain microscopic information on the surface-molecule and the intermolecular interactions for larger organic molecules with functional groups. The work has a background in both fundamental and applied science, e.g., the realization of semi-conducting organic devices. It involves a close collaboration with synthetic chemists. Other techniques, besides STM, to be used are: e.g., diffraction (x-rays, electrons), x-ray standing waves (at synchrotron light sources), and photoelectron spectroscopy.

The candidate should hold a PhD degree in physics, chemistry, or material sciences and have a background or interest in surface science and molecular physics/chemistry. She/he should be prepared to work at a high level of experimental skills. We expect the candidate to participate in the teaching of students in a German speaking environment (lab classes, seminars, etc.). The position will be embedded in the DFG-funded research training group "Templated Organic Electronics (TIDE)".

Interested candidates are encouraged to send or email their application, including a CV, copies of all degrees and grades, and, if applicable, published articles or other relevant material to the address below.

For further information or contact:

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