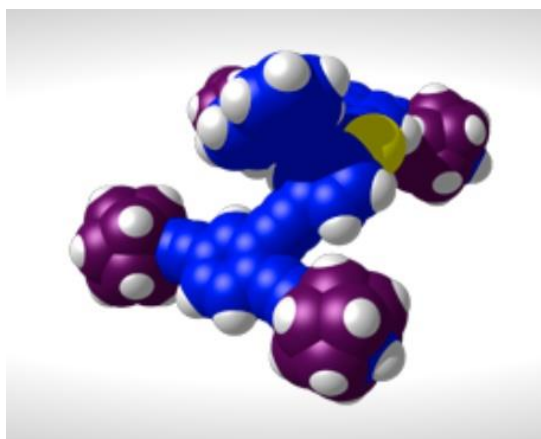


## PhD Position „Nanomachines on Surfaces“

in the **Single-Molecule Chemistry Group**  
at the **University of Graz, Austria** ([nanograz.wordpress.com](http://nanograz.wordpress.com))

Application deadline: **24<sup>th</sup> August 2016**



Our research is focussed on the manipulation of single functional molecules on surfaces by using scanning probe microscopy techniques. Single molecules are imaged in real-space, manipulated across a surface, and used in chemical reactions at the single-molecule scale. These processes are stimulated in a number of different ways such as using the energy of photons or electrons, the forces

induced from an electrical field, or by thermal activation. A particular event in this field will be the nanocar race ([www.nanocar-race.cnrs.fr](http://www.nanocar-race.cnrs.fr)) where our team will participate in Autumn 2016 and further follow-up activities. See [nanograz.wordpress.com](http://nanograz.wordpress.com) for details.

To strengthen our research on molecules with an internal motor (nanomachines) on surfaces, we are currently searching for a motivated PhD student (University Assistant) with a completed Masters degree in Physics or Chemistry who wants to join our team. The employment (reference number MB//123/99 ex 2015/16) has a duration of 4 years and should start as soon as possible (note the deadline: 24<sup>th</sup> August 2016).

### Interested?

For further information, please see <http://jobs.uni-graz.at/en/MB/123/99/3057>

and contact **Prof. Leonhard Grill**, Department of Physical Chemistry, University of Graz, Austria (e-mail: [leonhard.grill@uni-graz.at](mailto:leonhard.grill@uni-graz.at)), [nanograz.wordpress.com](http://nanograz.wordpress.com)