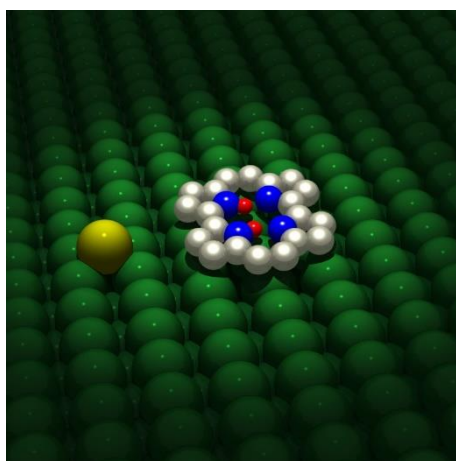


PhD Position „Single-Molecule Reactions“

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

Application deadline: **24th 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. See nanograz.wordpress.com for details.

For deeper insight into fundamental processes we are setting up a new program to investigate chemical reactions at the single-molecule level with special emphasis on high time resolution, thus following these processes at very small time scales. To strengthen our activities in this field, we are 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 (ref.no. MB/124/99 ex 2015/16) has a duration of 4 years and should start as soon as possible (application deadline: 24th August 2016).

Interested?

For further information, please see <http://jobs.uni-graz.at/en/MB/124/99/3063>
and contact **Prof. Leonhard Grill**, Department of Physical Chemistry, University of Graz, Austria (e-mail: leonhard.grill@uni-graz.at), nanograz.wordpress.com