

## PhD Project

In the surface physics group\* of the University of Zürich there is a PhD research position available for a person skilled in **experimental physics**.



Physik Institut UZH

The successful candidate will conduct research within the SNF research project:

**“Surface Physics with single-layer materials and molecular layers”**

**Context:** In 2012 single molecule magnetism in endohedral  $C_{80}$  molecules was discovered (J. Am. Chem. Soc. 134, 9840). Within your project you will characterize the magnetic ground state of such an endohedral single molecule magnet, disentangle the intra- from the intermolecular interaction and eventually link a single molecule to the macroscopic world.

*The position will be available after October 1st 2016.*

**Your Profile:** Degree equivalent to a master in Physics *with background in magnetism or surface physics*, having performed a thesis with photoemission, tunneling microscopy or SQUID magnetometry.  
Ready to contribute to the field of nano magnetism.

For further enquiries please contact Prof. T. Greber.

**Applications include:** CV, two letters of reference, Diploma or Master thesis and five lines on your skills in one file to [greber@physik.uzh.ch](mailto:greber@physik.uzh.ch)

\*<http://www.physik.uzh.ch/groups/osterwalder>

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