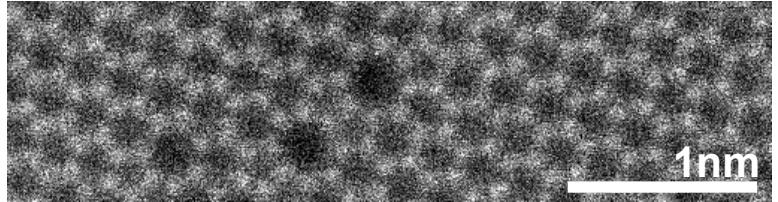


Explore new materials - atom by atom



The international research group "Physics of nanostructured materials" at the Faculty of Physics at the University of Vienna, Austria, invites applications for

1 PhD position (3.5 years)

Our research group studies the fundamental physics of novel materials under dimensional constraints as well as novel low-dimensional materials, in particular graphene and related 2-D systems. Our research includes investigations of their formation, structural evolution and of the physics of their unique properties. We employ and develop cutting edge microscopic analysis, and explore new ways to manipulate the materials at the atomic level.

The successful applicant will join the research group of Prof. Jannik Meyer and carry out independent experimental and theoretical research for the characterization, manipulation and/or synthesis of molecular nanostructures. The present thesis work can be related to the analysis of novel low-dimensional materials, or to new methods of atomically resolved microscopic characterization. The experimental work will be carried out using cutting-edge aberration-corrected scanning transmission electron microscopy.

Prerequisite is a completed Master degree or an equivalent qualification. Applications should be sent via the job center at the University of Vienna, either via the web interface (go to <http://univis.univie.ac.at/ausschreibungstellensuche/> and search for job posting number 3608), or by e-mail to jobcenter@univie.ac.at citing the identification number 3608.

For further information, see

<http://physnano.univie.ac.at/research/complex/>

or contact Prof. Jannik C. Meyer (jannik.meyer@univie.ac.at)