



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

FAKULTÄT FÜR PHYSIK
LEHRSTUHL SCHAILE



Two PhD Positions at LMU Munich with the LHC experiment ATLAS

The High Energy Physics Group at the LMU Munich invites applications for two PhD positions in Experimental Particle Physics. We are interested in finding outstanding, strongly motivated candidates with the drive to pursue important research topics in particle physics.

The LMU ATLAS group is contributing to the muon spectrometer and to the Grid-computing of the experiment. We pursue an intensive physics analysis program with special emphasis on the experimental study of top quarks, electroweak symmetry breaking and the search for signals of physics beyond the Standard Model.

Applicants should have a (almost) completed master's degree or equivalent degree in physics and ideally some research experience in experimental particle physics. The successful candidates are expected to make significant personal contributions to high-profile supersymmetry analyses. The candidates are also expected to contribute either to the ATLAS detector (upgrade of the muon spectrometer) or to the software for running the experiment (e.g. trigger studies, Grid-computing).

The position is based at the LMU Munich, frequent short-term stays as well as extended stays at CERN and the participation in international conferences will be supported. The position is funded at 50% of the public salary scale E13 TV-L.

LMU Munich is an equal opportunity employer. The University continues to be very successful in increasing the number of female faculty members and strongly encourages applications from female candidates. LMU Munich intends to enhance the diversity of its faculty members. Furthermore, disabled candidates with essentially equal qualifications will be given preference.

Applications should be sent by email to Mrs. Elke Grimm-Zeidler (E.GrimmZeidler@physik.uni-muenchen.de) until **31 January 2016**, and should include a curriculum vitae, copies of certificates of degrees, a letter of motivation, a link to the master or diploma thesis (if available), and the names and contact addresses of two referees.

For further information, please visit our website <http://www.etp.physik.uni-muenchen.de/> and contact

Dr. Jeanette Lorenz, tel. 0049 (0)89 2891 4124,

Dr. Jeannine Wagner-Kuhr, tel. 0049 (0)89 2891 4144.