



The University of Bonn has an opening for a

doctoral student in experimental particle physics (ATLAS)

The ATLAS group in Bonn is the largest University group in this experiment, with 80 active members, led by five faculty members, and has major hardware responsibilities for the pixel detector and in-depth expertise in b-tagging and tau-lepton reconstruction. The physics focus currently lies on Higgs, top quark and New Physics signatures.

The successful candidate is expected to carry out a data analysis with the full Run-2 ATLAS data, studying rare top-quark decays in final states with several leptons, and thus probing new physics in so far unexplored regions.

Excellent applicants are encouraged to apply. They should hold (or about to complete) a master degree in high-energy physics or a closely related field and should have experience with data analysis and object-oriented programming. The position is located at Bonn, a vibrant, international University town, with the possibility of frequent travels to CERN and/or a stay of several months. An attractive salary is offered, depending on the relevant experience. The position is available immediately for an appointment of initially three years. The University of Bonn has been recently awarded the title of “Excellence University” and is an equal opportunity employer.

Applications including a curriculum vitae, copies of certificates with courses and marks, and the names of at least two referees should be sent to Markus.Cristinziani@cern.ch. Review of applications will start on December 16th and will continue until the position is filled.

For more information contact markus.Cristinziani@cern.ch and see <http://cristinziani.physik.uni-bonn.de>.