



Physikalisches
Institut



The Physikalisches Institut, University of Bonn has an opening for a postdoctoral research associate (Assistentin/Assistent) to work on the ATLAS experiment starting on or around 1 September 2019. The appointment will initially be for three years, with the possibility of extension.

The group currently concentrates on top-quark physics and the use of machine learning in physics analyses for the ATLAS experiment. A significant involvement in the upgrade of the pixel detector for the HL-LHC tracking detector is planned.

The successful applicant would be expected to work on using and developing machine learning techniques in physics analyses and have an interest in contributing to the hardware development. Major aims of the group are to study the associated production of a top quark and a heavy boson (Higgs, W and Z) using the full Run 2 dataset, and to look for new physics related to top-quark production.

Residence will be based in Bonn, with the opportunity for regular trips to CERN. It is expected that the candidate participate in teaching activities and the supervision of students. The salary is according to the normal German salary scale for scientists at the level of E13 or A13.

The conditions of employment are according to § 36 Hochschulgesetz NRW. The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university and has a dual career service. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

Interested candidates should send a letter of application, CV and arrange for three letters of recommendation to be sent to:

Prof. Dr. Ian C. Brock
Physikalisches Institut der Universität Bonn
Nußallee 12
53115 Bonn, Germany
i.brock@uni-bonn.de

Applications should be submitted via email as soon as possible, preferably by 15 July 2019.