



PhD Position on the LHCb Experiment

Closing Date : 15 April 2018

Employment Type : Scholarship

Duration : Four Years

Starting Date: preferably May/June 2018, not later than 1st October 2018

Institution: Institute of Nuclear Physics, Polish Academy of Sciences

Division : Division of Particle and Astroparticle Physics

Hours Per week : Full time

Salary : 4,500 PLN (about 1,100 EUR) per month

Location : Kraków, Poland

Responsibilities

The LHCb group at the Institute of Nuclear Physics in Kraków has a vacancy for a PhD Student working on the LHCb experiment at CERN. The work is part of an NCN funded research project. We seek for candidates to strengthen analysis activities in the area of charm physics, in particular radiative charm decays.

You will be expected to work primarily on physics analysis at the LHCb experiment and support work on the LHCb calorimeter upgrade; these will constitute your PhD dissertation. You will get your PhD degree the International PhD Studies at the Institute of Nuclear Physics. You will be expected to take all the mandatory courses at the International PhD Studies at the Institute of Nuclear Physics. Best students are eligible for an additional scholarship from the Institute of Nuclear Physics.

Requirements

The position requires a Master degree or equivalent in physics. The ideal candidate will have some experience in experimental particle physics, a strong interest in flavour physics and statistical data analysis, as well as good computing skills (Python, C++). Good communication skills and very good English are also expected.

Applications

Interested candidates should submit their curriculum vitae, list of publications to which the candidate has made significant contributions, a copy of their Master diploma and a signed cover letter that includes a statement of accomplishments and research interests. The candidate should also arrange for two letters of reference.

All correspondence should be sent to:

Email: jolanta.brodzicka@ifj.edu.pl and rekrutacja@ifj.edu.pl

Enquiries about the vacancy, shortlisting and interviews:

Dr Jolanta Brodzicka, Email: jolanta.brodzicka@ifj.edu.pl