

Ph.D. positions available in Particle Physics - Niels Bohr Institute, Denmark
Employer and location: Niels Bohr Institute, University of Copenhagen, Denmark
Closing date: 22 January 2010

The Experimental Particle Physics group at the Niels Bohr Institute invites applications for two fully paid Ph.D. positions, with starting date April 1st 2010 or soon thereafter.

The group is working on the ATLAS experiment at CERN. The group is involved in the Transition Radiation Tracker (TRT) and in the Tau Trigger, and in several physics analysis covering ElectroWeak physics and Beyond Standard Model physics (<http://hep.nbi.dk/wiki>).

The size of the group is rapidly increasing due to newly acquired funds for basic research at the LHC provided by the Danish National Research Foundation and the Danish Council for Independent Research, Natural Sciences.

A new center called DISCOVERY, focused on analysis and phenomenology at the LHC, will be based at Niels Bohr Institute starting from January 2010, making this Institute a very lively and stimulating place for young scientists wishing to start their career in particle physics. For more informations about this center, please refer to <http://discoverycenter.dk/>

The successful candidates will receive an annual pensionable and taxable salary of approximately 320.000 DKK (43000 euro). The Ph.D. program includes teaching duties, course work and a stay abroad (6 months). Some information about studying and living in Denmark can be found at <http://studies.ku.dk>

The PhD research studentships are open to applicants who are qualified to take up a PhD position at University of Copenhagen from April 2010 or soon thereafter. To qualify for the PhD position a student must have completed a relevant Danish master or equivalent international degree in particle physics.

Applications should be submitted by email to phd_hep@nbi.dk by January 22nd 2010 and should include:

- A statement of research interests and motivation for joining the PhD program at Niels Bohr Institute. Potential ideas for a project are welcome (max. 2 pages).
- Transcript of examinations undertaken at the university.
- master degree certificate (if not available by Jan 22, then include proof of expected date for obtaining such degree in the CV).
- CV (max. 3 pages)
- 2 letters of reference (to be sent directly to phd_hep@nbi.dk). Please mention contact references in the CV.

For all enquiries regarding the application write to phd_hep@nbi.dk.