

RESEARCH ASSOCIATE POSITION IN EXPERIMENTAL PARTICLE PHYSICS WITHIN THE LHCb GROUP OF PHYSIKALISCHES INSTITUT, HEIDELBERG UNIVERSITY

The LHCb group at Heidelberg University invites applications for an initial 2-year post-doc position (TVL-13) starting as soon as possible.

Our group currently consists of 12 senior people, about 25 students and several engineers. We made major contributions to the construction and the commissioning of the forward tracking system of LHCb. We share the responsibility of the operation of the tracking system and are playing a leading role in detector track reconstruction. We work on hardware and software development for the tracking system of the LHCb upgrade.

The Heidelberg LHCb group has a wide range of analysis interests. We are currently focusing on the measurement of mixing and CP violation in the Bs system and searches for new physics in b to s transitions. Further analysis interests of our group are mixing and CP violation in the D system and lepton flavour violation.

Successful applicants are expected to contribute in a leading role in the preparation of the data taking in 2015/16 and to actively participate in the LHCb physics programme. Flexibility for part or full time stay at CERN is desirable.

Applicants must have a PhD degree in experimental particle physics or in a related field. Experience in data analysis are mandatory. Applications including CV, list of publications, statement of research interests and three letter of reference should be send to

sekretariat-hansmannmenzemer@physi.uni-heidelberg.de

For any further information please contact Prof. Dr. Ulrich Uwer (uwer@physi.uni-heidelberg.de) or Prof. Dr. Stephanie Hansmann-Menzemer (menzemer@physi.uni-heidelberg.de).

We will begin reviewing applications **15th of June 2014**.

Heidelberg University is an equal opportunity employer and welcomes applications from women. Handicapped applicants will be treated preferentially if equally qualified.