

TWO RESEARCH ASSOCIATE POSITIONS IN EXPERIMENTAL PARTICLE PHYSICS WITHIN THE LHCb GROUP OF TU DORTMUND

The experimental particle physics group at the TU Dortmund University invites applications for two positions for postdoctoral research associates (TVL-13). The position is open from February 2019 and is full time fixed term for 24 months with a possibility of extension.

The LHCb activities at TU Dortmund are coordinated by Prof. Bernhard Spaan and Dr. Johannes Albrecht. We have significant involvement in the LHCb experiment at the Large Hadron Collider. The group has made substantial contributions to the study of purely leptonic and semileptonic rare decays of beauty mesons, including lepton flavour universality and $B_s \rightarrow \mu\mu$. It has also a long-standing history in CP violation measurements and flavour tagging. Additionally, we have made significant contributions to LHCb and its upgrade, including the SciFi detector and the upgrade trigger system.

We are seeking a Postdoctoral Research Associate to strengthen the ERC Starting Grant research group of Johannes Albrecht. The new group member is expected to play a leading role in one or more of the following fields: LHCb's tests of lepton flavour universality, purely leptonic B decays and in the Real Time Analysis project.

The second position to be filled is associated to Bernhard Spaan to strengthen the group activities in the areas of data analysis, flavour tagging or the SciFi tracker.

Applicants are expected to have a PhD degree in experimental particle physics or in a related field and have proven experience that allows them to fill a leading role in data analysis. Applications including CV, list of publications, statement of research interests and three letters of reference should be send to

johannes.albrecht@tu-dortmund.de

For any further information please contact Dr. Johannes Albrecht (johannes.albrecht@tu-dortmund.de) and Prof. Bernhard Spaan (Bernhard.Spaan@tu-dortmund.de).

We will begin reviewing applications in **January 2019**.

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