

With more than 7,500 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future: the cooperation between engineering and natural sciences as well as social and cultural studies promotes both technological innovations and progress in knowledge and methodology. And it is not only the more than 32,900 students who benefit from that.

The **Chair for Theoretical Physics IV** at the **Department of Physics** of the **Technische Universität Dortmund** invites applications for a fixed term

Postdoc (m/f) Position

starting October 1, 2015, for a period of 1 year initially. In case of further financing being granted by DFG for their research group FOR 1873, the contract can be extended for another year.

Salary will be paid, in agreement with the lawful regulations of tariffs, according to salary group E13 TV-L resp. according to the provisional regulations of the TVÜ-L, if applicable. The position is a full time appointment. Further scientific qualification can be obtained.

Your Expertise:

You have received your Ph.D. in Theoretical Particle Physics, are doing research in the field of flavor physics in and beyond the Standard Model, and are interested in rare quark processes.

Our Research Activities:

The High Energy Group at TU Dortmund includes the research groups of Prof. Dr. Gudrun Hiller and Prof. Dr. Heinrich Päs, as well as Emeriti Prof. Dr. Emmanuel Paschos and Prof. Dr. Ewald Reya, working in the areas of flavor physics, supersymmetry, LHC physics, neutrino phenomenology, physics beyond the SM, astroparticle physics, and QCD.

Experimental groups at TU Dortmund are active in ATLAS, BABAR, LHCb, Ice Cube, MAGIC, and COBRA (double beta decay).

The candidate is expected to take part in the mutual research group of TU Dortmund and University of Siegen, FOR 1873, "Quark Flavor Physics and Effective Field Theories", and to perform fundamental research on our "rare decays" project.

The TU Dortmund is making efforts to increase the number of women scientists in the Department of Physics, and thus encourages women in particular to apply for the position.

Applications of qualified handicapped persons are equally welcome.

Your application material, including a curriculum vitae, a list of publications, and a statement of research interests, should be sent – under reference No. **w135-14** – to the following address by 12/01/2015 at the latest:

Theoretical Physics IV, Dept. of Physics
TU Dortmund
Attn. Mrs. S. Laurent (group secretary)
D-44221 Dortmund
Germany

In addition, please arrange to have three letters of recommendation mailed to the same address.

For queries, please address:
Professor Gudrun Hiller

For information on the group please see:
www.het.physik.tu-dortmund.de/cms/en/home/

Dortmund, 09.12.2014