

With more than 6,200 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 34,200 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

**Scientific Research Assistant (Ph.D., m/f) Position**

starting October 1, 2017, for three years, to obtain the Ph.D. degree. The duration of the contract will suit the aspired qualification.

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 part time (50%) appointment.

**Your Expertise:**

You have completed your Master of Science in Theoretical Particle Physics. You are not only interested in the field of Theoretical Flavor Physics but ideally have already acquired some research experience in this field.

**Our Research Activities:**

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

Experimental groups at TU Dortmund are active in ATLAS, BABAR, LHCb, Ice Cube, and MAGIC.

The candidate is expected to perform fundamental research in the field of Theoretical Flavor Physics and Physics beyond the Standard Model. It is presumed that the candidate pursues his/her Ph.D.

The position will include a (moderate) teaching duty within the faculty (2 SWS = 2 hours/week per term).

The TU Dortmund University aims to increase the percentage of women in the faculty of the Department of Physics and therefore applications from women are particularly welcome.

We explicitly note that applications of severely disabled persons are welcome.

Your application material, including a curriculum vitae, a list of publications (if available) and a statement of research interests, should be sent electronically – under reference No. **w59-17** - to the following address by 27.08.2017 at the latest:

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

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

For queries, please address:  
**Professor Gudrun Hiller**  
Phone: 0231 755-3572 (office)  
E-Mail: [postdoc@post.tu-dortmund.de](mailto:postdoc@post.tu-dortmund.de)

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

Dortmund, 31.07.2017