



With more than 6,300 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 32,500 students who benefit from that.

Postdoctoral Position (m/f/d)

The particle theory group at TU Dortmund University, Germany invites applications for a full time Postdoc position starting July 1, 2025, for a duration of two years. Payment according to public service's wage agreement TV-L E13. An employment in or a reduction to part-time is generally possible. The position is part of the BMBF-project "Theory for Run 3 --Analyses and interpretation

TASKS:

The candidate is expected to take part in the above BMBF-supported project, and to perform fundamental research in the field of theoretical flavor physics, with a focus on charm and beauty quark decays.

The position includes a (moderate) teaching duty within the department (up to possibly 4 SWS).

of rare decays". 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 the interpretation of data.

OUR RESEARCH PROFILE:

The High Energy Theory Group at TU Dortmund includes the research groups of Prof.Dr. Gudrun Hiller, Prof.Dr. Heinrich Paes and Prof.Dr. Emmanuel Stamou, working in the areas of flavor physics, physics beyond the standard model, LHC physics, effective theories, neutrino phenomenology, and UV-safe model building.

Experimental groups at TU Dortmund are active in ATLAS and LHCb.

The TU Dortmund University promotes diversity and equal opportunities. Convince us with your personality and expertise.

Applications from women will be given preferential treatment in accordance with the legal regulations.

It is pointed out that the application of suitable severely disabled persons is desired.

Please send your application material, including a curriculum vitae, a list of publications and a statement of research interests, by **11.02.2025**, quoting the Reference number **w73-24** to

Prof Dr. Gudrun Hiller
TU Dortmund University
Department of Physics
Otto-Hahn-Str. 4
D-44227 Dortmund, Germany

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

For queries, please contact: gudrun.hiller@tu-dortmund.de