



The Department of Physics at TU Dortmund University is offering the following position (starting at the earliest possible date):

Professorship (W2) Heavy Particles

Our profile

TU Dortmund University comprises 17 departments in the natural and engineering sciences as well as the humanities and social sciences and is a dynamic university with a strong profile in research, teaching, promotion of young scientists and transfer.

The Department of Physics combines excellent research in the focus areas of particle physics, condensed matter physics, atomic / molecular and optical physics, and medical physics with a modern and future-oriented teaching concept. It maintains national and international networks in both research and teaching and is successful in attracting third-party funding.

Profile of the professorship

The research area of this professorship is experimental particle physics with accelerators with a focus on the physics of the heaviest particles (top quark and/or Higgs boson). The successful candidate will participate in research networks and cooperations within and outside TU Dortmund University. In particular, the professorship will strengthen the participation of the department in the ATLAS experiment at CERN as well as the scientific cooperation with the University of Siegen and the University of Bonn. The successful candidate will participate appropriately in the teaching activities of the department.

Your qualifications

You have obtained a doctorate with above-average success and have acquired a post-doctoral lecture qualification (*Habilitation*) or an equivalent qualification. You have demonstrated your research excellence in the field covered by the professorship through continuous international publications in recognized peer-reviewed journals in recent years and have experience in the acquisition of third-party funding. Your research activities align with the research area particle physics of the department and the profile of the professorship. Additionally, you have the potential for teaching excellence. Social and leadership skills and the willingness to participate in academic self-administration complete your profile. Moreover, the recruitment requirements in Sections 36 and 37 of the North Rhine-Westphalia Higher Education Act (*Gesetz über die Hochschulen des Landes Nordrhein-Westfalen, HG*) apply.

Attractive environment

We offer an excellent academic environment and attractive cooperation opportunities with renowned international, national, and regional partners. The metropolitan Ruhr Area with the University Alliance Ruhr (UA Ruhr) guarantees short distances to a diversity of partners from science and industry. With our Dual Career Service, we support your partner in finding professional opportunities in the region, if desired. We will be happy to provide information about housing and living in Dortmund and help you find childcare options. If you are coming to us from abroad, our Welcome Service will support you upon your arrival in Germany.

Diversity welcome

A central goal of TU Dortmund University is to promote diversity and equal opportunities. We strive to significantly increase the percentage of women in research and teaching and therefore welcome applications from female academics. We give preference to severely disabled applicants if their qualifications meet the requirements. We support the compatibility of family and career and promote gender equality in academia and research.

Your application

If you are interested in the position, please submit your application by 07.07.2025 via our application portal.

Details on the application process and the preparation of application documents can be found here:

berufung.tu-dortmund.de/en/application

Questions will be answered by the Dean of the Department of Physics,
Professor Dr. Markus Betz

tel: +49 231/755-3670 or

dekanat.physik@tu-dortmund.de

Further information about the Department of Physics can be found at
physik.tu-dortmund.de/en

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