



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

Professorship (Open Rank W2 tenured or W1 with W2 tenure track) Non-Collider Particle Physics (Experimental)

Our profile

Comprising 17 departments in the natural and engineering sciences as well as the humanities and social sciences, TU Dortmund University 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, 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

You represent the field of Experimental Elementary Particle Physics in research and further develop it at a top international level. Your research is conducted on non-collider experiments. Examples include searches for axions or dark matter candidates, or experiments at beam dump facilities. Active participation in the development of scientific instruments in the research field of the professorship is explicitly encouraged. Synergies with local groups in detector development, data analysis, and phenomenology are expected. You participate in research networks and cooperations within and outside TU Dortmund University and are committed to the acquisition of third-party funding as well as to promoting early career researchers. In teaching, you represent the subject physics and participate appropriately in the teaching activities of the department.

In the case of the W1 professorship with W2 tenure track, the successful candidate will be appointed as a temporary civil servant initially for three years. In the course of the third year, this status will be reviewed and may be extended for a further three years depending on performance. At the end of this six-year assistant professorship at the latest, the tenure track will lead to continued employment as a tenured W2 university professor, provided that the necessary aptitude, competence and academic performance have been demonstrated and that the legal requirements pertaining to Section 38 HG NRW are met. The teaching load is four hours per week in each of the first three years. In the case of a positive review, it will increase to five hours per week in each of the last three years.

Your qualifications

You will have obtained a doctorate in physics with above-average success and are already conducting research in the professorship's profile area, as evidenced in particular by international publications in recognized peer-reviewed venues. For the W2 professorship a post-doctoral lecture qualification (*Habilitation*) or an equivalent qualification, continuous international publication achievements in recognized peer-reviewed venues and a high international visibility are expected. Experience in obtaining competitively awarded third-party funding is desired. All applicants will have the potential for teaching excellence. Social and leadership skills and the willingness to participate in academic self-administration will 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 **01.11.2023** 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,
University Professor Dr. Kevin Kröninger,
tel: +49 231/755-3539 or
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Further information about the Department of Physics can be found at
physik.tu-dortmund.de/en/

[apply online here >>](#)