

With 6,300 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future: the interaction between engineering and natural sciences as well as social and cultural studies drives both technological innovations and progress in knowledge and methodology. It is not only the roughly 34,300 students who benefit from this.

The Faculty of Mathematics at TU Dortmund University is seeking to fill the position of a

## Professor (W1) with W2 tenure track in “Optimization“

commencing as soon as possible. The successful candidate will represent the field of “Optimization” in research and teaching.

TU Dortmund is seeking a scientist holding an excellent PhD and a personality who is internationally recognized in several areas of continuous or discrete optimization with relevant international publications in recognized venues, including those with peer-review. Relations are expected both to infinite-dimensional optimization as well as mixed-integer optimization and the willingness to link both areas.

Applicants should complement the research activities of the Faculty of Mathematics and contribute to interdisciplinary collaborative research projects within and outside TU Dortmund University.

First experience in raising third-party funds is an asset. A convincing research statement outlining the applicants research perspectives is required.

An appropriate contribution to the faculty’s curriculum – in the medium term also in German language – is expected. The present Faculty’s study programmes include Mathematics, Technomathematics, Mathematics and Economics as well as Mathematics for teaching at schools.

The successful candidate will possess social and leadership skills and be willing to be involved in academic self-governance.

The recruitment requirements are based on § 36 and § 37 HG NRW (law governing universities in NRW). The appointment is initially for three years as a temporary civil servant. 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 junior 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 § 38 HG NRW are met.

TU Dortmund University strives to increase the number of women in academic research and teaching and therefore explicitly encourages women to apply.

TU Dortmund University is an equal opportunity employer and gives preference to candidates with disabilities if equally qualified.

TU Dortmund University supports the compatibility of work and family life and promotes gender equality in science.

**Please send your application, including the usual documents (CV, professional and academic career, list of scientific publications, copies of degrees and certificates, concept of research, information on previous teaching experience and planned teaching, etc.) by both regular mail and e-mail (in one pdf-file) to the following address by 16.06.2020**

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