

With 6,200 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future. The interaction between engineering and natural science as well as social and cultural studies drives both technological innovations and progress in knowledge and methodology. It is not only the roughly 34,500 students who benefit from this.

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

Professor (W1) in “Applied Analysis”

starting as soon as possible. The Professor should represent “Applied Analysis” in research and teaching.

TU Dortmund University is seeking a scientist holding an excellent PhD and having a national and international reputation with peer-reviewed publications in the field of nonlinear partial differential equations.

The focus of research should be in a modern field of applied analysis, for example homogenization, degenerate or rate-independent equations, variational methods or stochastic partial differential equations. The reference to applications such as fluid mechanics, continuum mechanics, wave equations, porous media, free boundary value problems or geometric problems is desired.

The research interests of the applicants should be complementary to the research activities of the Faculty of Mathematics. The applicants should contribute to interdisciplinary collaborative research projects within and outside TU Dortmund University.

First experience in the acquisition of third-party funding is an asset.

An adequate contribution to the faculty's teaching curriculum 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 possesses social and leadership skills and is 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.

TU Dortmund University strives to increase the number of women in academic research and therefore 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 the university community.

Applications, including the usual documents (curriculum vitae, list of scientific publications, professional and academic career, copies of degrees and certificates, list of third-party funding acquired, short concept of research, information on previous teaching experience and planned teaching) should be sent by both regular mail and e-mail (in *one* pdf-file) to the following address by 24.01.2019:

Dean of the Faculty of Mathematics
Univ.-Prof. Dr. Stefan Turek
TU Dortmund University
44221 Dortmund - Germany
email: w1-analysis@mathematik.tu-dortmund.de

More information concerning the Faculty of Mathematics:
www.mathematik.tu-dortmund.de.

For enquiries please contact:
Univ.-Prof. Dr. Stefan Turek, Dean
tel.: 0049-231/755-3050