With 6,200 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future. The cooperation between engineering and natural science as well as social and cultural studies promotes both technological innovations and progress in knowledge and methodology. It is not only the more than 32,800 students who benefit from this.

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

Junior Professorship (W1) in Numerical Cloud Computing

with immediate effect. The successful candidate will be responsible for conducting research and teaching in the field of mathematics.

We are interested in hiring a young scientist whose research focus lies in the numerical solution of partial differential equations and hardware-oriented numerics. Experience in scientific computing or scientific cloud computing on parallel and heterogeneous hardware platforms while taking energy efficiency into account is desirable. Prerequisites are an excellent Ph.D. thesis and publications in peer-reviewed journals.

In addition to conducting basic mathematical and algorithmic research, we expect the successful applicant to be willing to collaborate with the developers of FEM software packages working at the Institute of Applied Mathematics and participate in joint research projects with other faculties at TU Dortmund University, in particular, the Faculties of Engineering and Computer Science. Experience with interdisciplinary collaborations would therefore be of benefit.

We also expect the future Junior Professor to participate in common areas of mathematical research and play a prominent role in acquiring external funding.

A commensurate level of participation in teaching activities and lecturing is required, as is the assumption of certain academic administrative tasks.

Preconditions for employment are specified in § 36 HG of the State of NRW. The initial appointment will be for a period of three years with an evaluation in the third year. Following a positive evaluation, the appointment will be extended for a further three years.

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

Disabled candidates with equal qualifications will be given preference.

TU Dortmund University supports the compatibility of family and work and promotes gender equality in the university community.

Applications, including the usual documents (curriculum vitae, list of publications and lectures) and a report on research interests and intentions, should be sent by regular mail and additionally via e-mail within 4 weeks of the date of publication of this announcement to the

Dean of the Department of Mathematics
Prof. Dr. Stefan Turek
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