

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 Department of Computer Science at TU Dortmund University is one of the largest in Germany, with particular strengths in research. Among similar institutions it is distinguished by a combination of fundamental research on formal methods with the development of practical applications. Research topics are Data Science, Algorithmics, Cyber-Physical Systems as well as Software and Service Engineering.

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

### Professor (W3) in “Interactive Data Science”

commencing as soon as possible. The successful candidate will represent the field of “Interactive Data Science” in research and education.

TU Dortmund University is looking for an outstanding individual and established scientist in the field of “Interactive Data Science”, holding an excellent Ph.D. and with relevant international publications in recognized venues, including those with peer review.

We expect a focus on research in “Interactive Data Science”, i.e. data analysis that serves to gain knowledge in other sciences and involves users in the entire modeling process. This includes for example, interactive data mining, initial data analysis, explainable models, interactive validation and causality.

Applicants should be willing to participate actively in research collaborations inside and outside of TU Dortmund University.

Experience in the acquisition of third-party funding is expected.

The candidate will be expected to participate in the department’s (undergraduate) teaching program.

The successful candidate should possess the necessary social and leadership skills and be willing to participate in academic self-governance.

Preconditions for employment are specified in § 36 and § 37 HG NRW (law governing universities in NRW).

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

Equally qualified candidates with disabilities will be given preference.

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

**Please send your application, including the usual documents (CV, list of publications, etc.) either by regular mail or e-mail (preferred, in one PDF document) to the following address by 31.01.2019:**

Dean of the Department of Computer Science

Prof. Dr.-Ing. Gernot A. Fink

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