

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 Department of Biochemical and Chemical Engineering at TU Dortmund University is one of the largest of its kind in Europe, focusing on the development and optimization of safe, sustainable and efficient production processes. The department is seeking to fill the position of a

## Professor (W2) in “Fluid Mechanics”

commencing as soon as possible. The successful candidate will specialize in research and teaching in the field of “Fluid Mechanics”.

The candidate should be an excellent researcher with a significant track record in the field of numerical and experimental Fluid Mechanics, particularly with experience in multiphase systems with liquids and in applications in biochemical and process engineering, which should be evidenced by publications in highly-ranked international journals and other relevant achievements.

Applicants are expected to complement the research activities of the Department of Biochemical and Chemical Engineering and contribute to interdisciplinary collaborative research projects of the department within and outside TU Dortmund University.

Experience with the acquisition of third-party funded research projects is expected.

An adequate contribution to the department's teaching curriculum in German and English in the medium term as well as experience in supervising undergraduate and postgraduate research are expected.

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

The recruitment requirements are based on § 36 and § 37 HG NRW (law governing universities in NRW).

TU Dortmund University strives to increase the number of women in academic research and teaching and therefore strongly 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 in English or German language (CV, list of publications, certificates, research and teaching vision and concept, etc.), preferably by e-mail (in one pdf-file) to the following address by 15.07.2020**

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