technische universität
dortmund

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 sciences as well as social and cultural studies drives both technological innovations and progress in knowledge and methodology. It is not only the roughly 34,500 students who benefit from this.

The Faculty of Physics concentrates on the physics of condensed matter (solid state physics, physics of soft matter, quantum science) and elementary particle physics and has been developing a third focus in medical physics. The Faculty's research is embedded in a highly international network and successful in the acquisition of third-party funding. Its study courses in physics and medical physics are in far above average demand.

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

Professor (W2) in "Computational Interface Physics"

commencing as soon as possible. The successful candidate will specialize in research and teaching in Theoretical Physics in the field of "Computational Interface Physics".

The professorship shall establish a research program aimed at application or development of computational and theoretical approaches toward a molecular-level understanding of solvent structure and dynamics and solvation phenomena at interfaces of soft materials.

Being currently embedded in the Cluster of Excellence RESOLV the candidate is also expected to establish cross-linking research to other RESOLV member institutions (www.solvation.de). The appointee is expected to be willing to contribute to further collaborative research projects within and outside the TU Dortmund University.

TU Dortmund University is seeking an outstanding individual and well established researcher with relevant international publications in recognized venues.

Experience in raising third-party funds is an asset.

An appropriate contribution to the faculty's curriculum in the area of Theoretical Physics – in the long term also in German language - is expected.

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

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

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.

Applications, including the standard documents (CV, list of publications and talks, list of third-party funds, list of teaching activities, certificates) as well as an overview (2 pages) of research interests and research goals should be sent - by e-mail in a single pdf-file - to the following address by 06.12.2019:

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