

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 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 (W3) in Experimental Physics**

commencing as soon as possible. The successful candidate will specialize in research on THz spectroscopy focusing on recent developments in this area.

TU Dortmund University is seeking an outstanding individual and well established researcher in this field with relevant international publications in recognized venues. Experience in raising third-party funds is expected.

The appointment shall strengthen the spectroscopic activities of the Faculty of Physics, mainly by methodological development of THz-spectroscopy and its application to modern scientific questions.

The Faculty of Physics contributes to the excellence cluster RESOLV and the Russian-German International Collaborative Research Center TRR 160. We expect the willingness to participate in both initiatives. Great potential can be leveraged through combination with other spectroscopic methods in the faculty.

An adequate contribution to the faculty's curriculum is expected.

The successful candidate possesses social and leadership skills and is willing to be involved 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 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.

**Please send your application, including the usual documents (CV, list of publications, etc.), by both regular mail and e-mail (in one pdf-file) to the following address by 03.04.2019**

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