

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 34,600 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 fundings. 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 an

### **Professor (W1) with W3 Tenure-Track in "Medical Physics with focus on Computational Physics"**

commencing as soon as possible.

The Faculty of Physics offers its own bachelor's program in Medical Physics and a master's program in joint co-operation with Ruhr University Bochum.

The appointee should support and strengthen the Medical Physics program through complementary function, for example, modeling and simulation of radiation therapies.

Through excellent scientific achievements, the sought-after candidate is internationally established and possesses the potential to develop an independent research profile at a high international level.

The appointee is expected to be willing to contribute to research projects of the Physics Department and develop collaborative relationships with external institutions, e.g. The West German Proton Therapy Centre Essen, as well as to apply for third-party funding. Experience therein is an asset.

An adequate contribution to the general teaching duties of the Faculty of Physics is expected.

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

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

The appointment is initially for three years as a temporary civil servant. In the course of the third year, this status

will be reviewed and may be extended for a further three years depending on performance. At the end of this six-year assistant professorship, the "Tenure-Track" will lead to continued employment as a tenured W3 university professor, provided that the necessary aptitude, competence and academic performance have been demonstrated and that the legal requirements pertaining to § 38 HG NRW are met.

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

Equally qualified candidates with disabilities will be given preference.

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

**Serious applications, including the standard documents (CV, list of publications, certificates, list of talks) as well as a presentation of the research interests and goals, should be sent - preferably by e-mail in one pdf-file - to the following address by 02.08.2018**

Dean of the Faculty of Physics  
Professor Dr. Frithjof B. Anders  
Technische Universität Dortmund  
44221 Dortmund - Germany  
tel.: 0049-231/755-7958  
e-mail: dekanat.physik@lists.tu-dortmund.de