

With 6,200 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future. The cooperation between engineering and natural science as well as social and cultural studies promotes both technological innovations and progress in knowledge and methodology. It is not only the more than 34,200 students who benefit from this.

The Department of Electrical Engineering and Information Technology of the TU Dortmund University is seeking to fill the position of a

Junior Professorship W1 in „Elastic light weight robotics“ as soon as possible.

The successful candidate will be responsible for conducting research and teaching in the field of elastic light weight robotics.

- Design of robust control concepts that are able to reconcile accuracy and pose tolerance with sensitivity, compliance and powerful interaction
- Integrated and systematic modelling and design of the robotic structure under consideration of elastic components
- Design of low cost, light weight, agile and sensitive robots with substantial energy storage capacity

We seek a person who has shown scientific excellence in the above topics, especially through international publications and participation in the acquisition and execution of third-party funded research projects.

A contribution to the teaching activities of the faculty is expected. The junior professorship is expected to teach students in German and English.

The successful candidate shall exhibit social and leadership competence and be willing to participate in academic self-administration.

The junior professorship shall cooperate with various research groups inside the faculty, specifically with the faculty's institute of robotics research. It will have the ability to benefit from the existing lab infrastructure

Preconditions for employment are specified in § 36 HG of the State of NRW. The initial appointment will be for a period of three years with an evaluation in the third year. Following a posi-

tive evaluation, the appointment will be extended for a further three years.

TU Dortmund University strives to increase the number of women in academic research and therefore encourages women to apply. Disabled candidates with equal qualifications will be given preference.

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

Please submit your application comprising a letter of motivation, curriculum vitae and other relevant documents preferably in electronic form until April 3rd 2017 to:

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