

With more than 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 sciences as well as social and cultural studies promotes both technological innovations and progress in knowledge and methodology. And it is not only the more than 34,600 students who benefit from that.

The Faculty of Electrical Engineering and Information Technology at TU Dortmund University invites applications for a near term position as

Research Assistant (m/f/d)

in the Elastic Lightweight Robotics Group for a period of 3 years.

The salary follows the regulations of the collective bargaining law in salary class 13 TV-L or, if applicable, by transitional law (TVÜ-L). This is a full-time position. The position is, in principle, also appropriate for part time employment. The possibility to pursue a doctorate is offered.

Profile:

- Research in (haptic) human-machine interfaces, wearable robotics as well as cognitive and physical human-robot interaction
- Assistance in the organization and implementation of teaching courses (Bachelor & Master; 2 - 3 SWS)

- Previous experience in design (such as CAD software) and 3D printing
- first own publications

We explicitly note that applications of all sexes are welcome. Applications from women are favoured complying with legal regulation.

We also underline that applications of severely disabled persons are welcome.

What we offer:

- Interesting and manifold work in an interdisciplinary research environment
- Diverse opportunities for personal development
- Working in a modern, collegial team at a family-friendly university

Applications enclosing the usual material may be sent until 01.03.2020 under reference number **w10-20** to:

**Technische Universität Dortmund
Robotics Research Institute
Elastic Lightweight Robotic Group
Jun. Prof. Dr.-Ing. Philipp Beckerle**

**Otto-Hahn-Straße 8
44227 Dortmund**

For further information please do not hesitate to contact:

Your qualification:

- A scientific master's degree in electrical/mechanical engineering, computer science, or related subjects
- Previous knowledge and working experience in the fields of human-machine interfaces and robotics
- Very good English skills

Jun. Prof. Dr.-Ing. Philipp Beckerle
Tel.: +49 231 755-7042
Email: philipp.beckerle@tu-dortmund.de

Optional experiences:

- Enjoying interdisciplinary work (e.g., in cooperation with researchers from areas such as psychology and sports science) in an international context
- Experience in programming (e.g., with Matlab / Simulink) and micro controllers (e.g., Arduino)

Dortmund, 03.02.2020