



The Department of Computer Science at TU Dortmund University is offering the following position (starting at the earliest opportunity):

## Professorship (W3) Safe Autonomous Systems

This professorship is endowed by the **KION GROUP AG**.

### Our profile

TU Dortmund University comprises 17 departments in the natural and engineering sciences as well as the humanities and social sciences and is a dynamic university with a strong profile in research, teaching, promotion of young scientists and transfer.

The Department of Computer Science at TU Dortmund University is one of the largest in Germany, with particular strengths in research. Among similar institutions it is distinguished by a combination of fundamental research on formal methods with the development of practical applications. Research focuses on Algorithmics, Data Science, Cyber-Physical Systems and Software and Service Engineering.

### Profile of the professorship

You represent the area of safe autonomous systems (e.g. autonomous mobile robots, embodied AI, simulationbased AI or autonomous systems in smart logistics und smart production) in research and further develop this at a top international level. In doing so, you participate in research networks and cooperations within and outside TU Dortmund University (e.g. Lamarr Institute, Research Center Trustworthy Data Science and Security, Fraunhofer IML and KION GROUP AG) and are committed to promoting early career researchers. In teaching, you participate appropriately in the teaching activities of the department.

### Your qualifications

You obtained a doctorate with above-average success and acquired a post-doctoral lecture qualification (*Habilitation*) or an equivalent qualification. You demonstrated your research excellence in the field covered by the professorship through continuous international publications in recognized peer-reviewed venues and were successful in the independent acquisition of competitively awarded third-party funds. Beyond this, the international visibility of your research is expected. Additionally, you have the potential for teaching excellence and are willing to teach courses in German perspective. Social and leadership skills and the willingness to participate in academic self-administration complete your profile. Moreover, the recruitment requirements in Sections 36 and 37 of the North Rhine-Westphalia Higher Education Act (*Gesetz über die Hochschulen des Landes Nordrhein-Westfalen, HG*) apply.

### Attractive environment

We offer an excellent scientific environment and attractive cooperation opportunities with renowned international, national, and regional partners. The metropolitan Ruhr Area with the University Alliance Ruhr (UA Ruhr) guarantees short distances to a diversity of partners from science and industry. With our Dual Career Service, we support your partner in finding professional opportunities in the region, if desired. We will be happy to provide information about housing and living in Dortmund and help you find childcare options. If you are coming to us from abroad, our Welcome Service will support you upon your arrival in Germany.

### Diversity welcome

A central goal of TU Dortmund University is to promote diversity and equal opportunities. We strive to significantly increase the percentage of women in research and teaching and therefore welcome applications from female academics. We give preference to severely disabled applicants if their qualifications meet the requirements. We support the compatibility of family and career and promote gender equality in academia and research.

### Your application

If you are interested in the position, please send your application via e-mail by **31.05.2023** to:  
**bewerbung@cs.tu-dortmund.de**

Details on the application process and the preparation of application documents can be found here: **berufung.tu-dortmund.de/en/application**

Questions will be answered by the Dean of the Department of Computer Science, University Professor Dr.-Ing. Gernot Fink, Tel: +49 231 755-6151 or **dekan.cs@tu-dortmund.de**

Further information about the Department of Computer Science can be found at **www.cs.tu-dortmund.de/nps/en/**