

With 6,300 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 34,300 students who benefit from this.

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

Junior Professorship (W1) with W3 tenure track in “Processor Architectures”

commencing as soon as possible. The successful candidate will specialize in research and teaching in the field of “Processor Architectures” **with a focus on the circuit level.**

TU Dortmund University is seeking an outstanding individual and established scientist with an excellent PhD and publications in international journals and conference proceedings in at least one of the following areas:

- High-performance processor architectures including multi-core processors and system-on-chip processors
- Design of highly reliable and/or resource-efficient processor architectures
- Realization of processor architectures based on FPGAs and/or ASICs

Participation in the acquisition of third parties in the past, experience in the handling of third-party funded projects and in the industrial environment are desirable.

Applicants should complement the research activities of the Faculty of Electrical Engineering and Information Technology and contribute to interdisciplinary collaborative research projects within and outside TU Dortmund University.

An adequate contribution to the faculty’s curriculum in German language – after 3 years – is expected.

The successful candidate will possess social and leadership skills and be willing to participate 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 junior professorship at the latest, 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 teaching and therefore strongly 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 mainstreaming in the university community.

This professorship is funded by the Tenure Track Programme of the German Federal Government and the Federal States.

Please send your applications, including the usual documents (CV, certificates, list of publications etc.) by e-mail (in one pdf-file) to the following address by 04.03.2020

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