technische universität dortmund

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 34,200 students who benefit from that.

The Computer Science Department at TU Dortmund University invites applications for a near term position as

research assistant (wissenschaftlicher Mitarbeiter)

limited until 31.03.2019. The duration of the contract will suit the aspired qualification.

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.

Profile:

Within the project LPN-Crypt: The LPN-Problem in cryptography we are seeking outstanding candidates with a MSc. or diploma degree in Computer Science or Mathematics, who are in good written and verbal command of the English language. The ideal candidate has already specialized in theoretical computer science and/or discrete mathematics, for example, in the areas of cryptography or randomized algorithms. His or her thesis already shows great potential for a scientific career.
The successful candidate will be employed within the project LPN-Crypt, a joint project carried out by Alexander May (Ruhr University Bochum) and Christian Sohler (TU Dortmund University).

Responsibilities:

The successful candidate is expected to develop and mathematically analyze algorithms for basic combinatorial problems that are motivated by cryptographic applications in the presence of quantum computers such as the "learning parity with noise problem".

The TU Dortmund University aims to increase the percentage of women in the faculty of Computer Science and therefore applications from women are particularly welcome.

We explicitly note that applications of severely disabled persons are welcome.

Applications enclosing the usual material may be sent until 20.06.2017 under reference number **w26-17** to:

Technische Universität Dortmund
Fakultät für Informatik
Prof. Dr. Christian Sohler
Otto-Hahn Str. 14
44221 Dortmund

For further information please do not hesitate to contact:

Prof. Dr. Christian Sohler
Tel.: 0231 755-6940
Email: christian.sohler@tu-dortmund.de

Dortmund, 24.05.2017