



The University of Lübeck is a modern specialized university with the subjects Medicine and Health Sciences, Computer Science, Molecular Biology, Mathematics in Medicine and Life Sciences, and Medical Engineering. Internationally renowned research and the high quality of academic teaching characterize the profile of our university.

The Institute for IT Security at the University of Lübeck, headed by Prof. Thomas Eisenbarth, has a vacancy for a full-time (100%) position as

Doctoral Research Assistant (m/f/d)

We are looking for a motivated researcher with the goal of a successful dissertation. The employment contract is initially limited to 1 year, with an option for extension.

The young and growing Institute for IT Security performs cutting-edge research in security-critical applications and their protection in insecure environments. Explored methods range from secure computation methods and cryptographic protocols to software and hardware mechanisms for protecting system security. In addition, we analyze security of existing systems as well as the improvement and automation of analysis techniques for protocols and implementations. To complement our team, we are looking for a full-time PhD researcher in one the following topics:

- Analysis and design of trusted execution environments and secure microarchitectures
- Secure distributed computing
- Automated code analysis and application security analysis

Required Qualifications:

As ideal candidate, you are highly motivated, independent and able to perform creative and deep research. Your main areas of interest are in system security and/or applied cryptography and you have experience in the areas of cryptography, algorithms, code analysis, embedded programming, and/or machine learning.

You have a MSc degree in Computer Science, Applied Mathematics, Information and Computer Engineering, or comparable related field and an excellent command of written and spoken English.

We offer excellent working conditions in an international team of cutting-edge researchers and ample opportunity to collaborate with renowned researchers worldwide.

The position will be classified in pay group 13 of the TV-L in accordance with the automatic pay scale, provided that the requirements of the pay group are met. A final job evaluation remains reserved.



UNIVERSITÄT ZU LÜBECK

The University of Lübeck sees itself as a modern and cosmopolitan employer. We welcome your application regardless of your age, gender, cultural and social background, religion, ideology, disability, or sexual identity. We promote gender equality. Women are given priority in cases of equal suitability, qualification, and professional performance.

As an applicant with a severe disability or equivalent, we will give you preferential consideration if you are suitable.

For further information, please contact Prof. Thomas Eisenbarth (its.bewerbungen@uni-luebeck.de).

Applications with the usual documents (curriculum vitae, a brief description of research interests, transcripts of bachelor's and master's studies, two to three letters of recommendation from lecturers or employers, and - if available - master's or bachelor's theses and publications) should be sent in summary form in a PDF file to bewerbung@uni-luebeck.de or by mail, quoting the **reference number 1011/21**, by **April 15, 2021 (date of receipt)** at the latest:

**Universität zu Lübeck – Die Präsidentin – Personal Referat
Ratzeburger Allee 160, 23562 Lübeck, Germany**