Paderborn University is a high-performance and internationally oriented university with approximately 20,000 students. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our more than 2,500 employees in research, teaching, technology and administration a lively, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent the future!

In the Faculty of Computer Science, Electrical Engineering and Mathematics, the Chair of “IT Security” has an open position for a

**Research Assistant (f/m/d)**
(salary is according to TV-L 13)

The position is available immediately. It is a full-time qualification position to support a PhD-project in the field of human-centered IT Security. The initial contract is for three years but limited to the duration of the PhD-project. An extension to finish the PhD is possible in accordance with the rules of the WissZeitVG.

The aim of our research group is to explore the design of security technologies that are easy to use, inclusive, and privacy-friendly. Our vision is that people should be able to live a secure digital life without having deep technical knowledge. Towards this end, we conduct research on a variety of topics, including password security and usability, behavioral implicit authentication, behavioral data privacy, privacy awareness, and transparency enhancing technologies. Within this broader context, the candidate in this position will contribute to advance the state of the art on usable authentication.

**Your duties and responsibilities:**

- Conduct research in
  - Risk-based adaptive authentication
  - Behavioral biometrics
  - Privacy and usability aspects of novel authentication systems
- Take part in teaching at the chair of “IT Security” (approx. 4h/week)

In return, we provide a relaxed and inspiring working atmosphere allowing you to address interesting and challenging research problems.

**Your profile:**

- Master degree in computer science or related field
- Solid programming background
- Analytical skills, teamwork, independent, enthusiastic about usable security
- Excellent writing and communication skills in English

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Act (LGG), unless there are substantial reasons to give preference to another applicant. Part-time employment is, in principle, possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

Interested applicants should send a research statement, a curriculum vitae, scanned transcripts and diplomas, and copies of relevant scientific papers (e.g., thesis). Please send your documents using the reference number 4893 should be send to Prof. Dr. Patricia Arias Cabarcos by 15.03.2022, preferably by email: eim-i-fg-its-leitung@lists.uni-paderborn.de.

Information regarding the processing of your personal data can be located at: https://www.uni-paderborn.de/en/zi/personaldatenschutz