



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 2,600 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** – Chair of “IT Security” – has an open position for a full-time

PhD Position (f/m/d) On Usable Security and Privacy

(salary is according to E 13 TV-L)

When security tools are too complicated, users don't adopt them, bypass them, or make mistakes that put individuals and organizations at risk. The aim of our research group is to explore the design space and build 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.

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 Academic Fixed-Term Contract Act (Wissenschaftszeitvertragsgesetz – WissZeitVG).

Your duties and responsibilities:

- Conduct research in Usable Security and Privacy
- Take part in teaching (approx. 4h/week)
- Contribute to our culture of doing great work while having fun

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
- Knowledge in IT security and/or user research

We provide:

- An open, collaborative, and inspiring working environment
- The opportunity to address challenging research problems, contributing to build the next generation of usable and impactful security technologies
- The chance to participate in top-tier conferences all over the world and becoming part of the international scientific community
- A family-friendly and flexible workplace with the opportunity for telework
- Personal development through further training opportunities

Applications from women are expressly welcome and will be given preference in accordance with the LGG in the event of equal suitability, qualifications and professional performance, unless reasons relating to the person of a competitor prevail. Part-time employment is generally possible. The application of suitable severely disabled persons and persons with equal rights within the meaning of Book IX of the German Social Law (SGB IX) is also welcome.

Interested applicants should send a short statement of research interest (1-2 pages), a curriculum vitae, scanned transcripts and diplomas, and copies of relevant scientific papers (e.g., thesis) using the **reference number 5808** by **May 31st 2023** to Prof. Dr. Patricia Arias Cabarcos, preferably by email: pac@mail.upb.de.

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

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