

We are currently seeking to recruit a

PhD Student in the Field of Privacy Enhancing Technologies

to work with us at the [Chair of IT-Security](#) of the Competence Center for IT-Security [KASTEL](#), starting as soon as possible. The position is **fully funded** on salary level E13 (starting at approximately €57,000 gross per year, including social security, health insurance, and pension benefits).

Research Focus

Our group works on technical and formal aspects of privacy. Our research spans privacy-preserving data analysis, biometrics, anonymous communications, and mobile-network privacy. Within this broad context, possible research directions for the advertised position include but are not limited to privacy-preserving analysis of graphs and/or streaming data, formal properties of differential privacy in complex data structures, inference attacks against AI models, private machine learning techniques, and protocols for privacy in group communications.

Requirements

Applicants should hold or be near completion of a Master's degree in Mathematics, Computer Science, or a related field. We seek a motivated, creative researcher with a strong interest in privacy, solid analytical and problem-solving skills, and excellent English. Experience in algorithms/protocols, statistical inference, cryptography, or statistical disclosure control is a plus but not required.

What We Offer

We offer the opportunity to contribute to cutting-edge research in privacy and security at one of Germany's Universities of Excellence. As part of KASTEL and its associated excellence initiatives, you will benefit from access to a vibrant research ecosystem, international collaborations, and mobility opportunities. You will work in a collaborative and diverse environment with flexible working arrangements, while enjoying extensive training and professional development opportunities to advance your academic and professional career.

How to Apply

Please submit the following documents:

- Cover letter explaining why you are a good fit for both our group and research in privacy.
- Curriculum vitae
- Academic transcripts and certificates
- Relevant references (if available)

Applications should be sent electronically to itsec-info@kastel.kit.edu. You can find further details on our website: ps.tm.kit.edu/english and feel free to contact Thorsten Strufe (thorsten.strufe@kit.edu) and/or Patricia Guerra Balboa (patricia.balboa@kit.edu) for any further questions.

Seeking to increase diversity in our team, we welcome applications from candidates of all genders, backgrounds, and identities for this job. We look forward to receiving your application.