



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!

At the Department of Computer Science which is part of **the Faculty of Computer Science, Electrical Engineering and Mathematics** the following position is to be filled in the working group **Codes and Cryptography**:

Postdoctoral Researcher (f/m/d)

(pay scale E13 TV-L)

This is a full-time position in the field of post-quantum cryptography, available immediately and with a flexible start date.

The position is limited to a period of 3 years. It is a qualification position in the sense of the Wissenschaftszeitvertragsgesetz (WissZeitVG), which is intended to contribute to qualification with regard to an academic career.

Your tasks:

- Research in the field of post-quantum cryptography
- Teaching to the extent of 4 hours a week
- Participation in the Department of Computer Science

Your profile:

- Doctorate degree in the field of cryptography
- Expertise in at least one of the following areas: post-quantum cryptography, lattice-based cryptography
- Experience in the field of quantum algorithms or quantum complexity is an advantage

Application should comprise the following:

- a detailed Curriculum Vitae
- certificates
- contact details of at least two references

Since Paderborn University seeks to increase the number of female researchers, applications of women are especially welcome. In case of equal qualification and scientific achievements, they will receive preferential treatment according to the North Rhine Westphalian Equal Opportunities Policy (LGG), unless there are cogent reasons to give preference to another applicant. Part-time employment is, in principle, possible. Likewise, applications from disabled people with appropriate qualification are explicitly requested. This also applies to people with equal status according to the German social law SGB IX.

Applications must be received **by 23.07.2022** with **reference number 5167** preferably in a single pdf file by e-mail to **bloemer@upb.de**.

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

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