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Universität Regensburg

Fakultät für Informatik und Data Science

Lehrstuhl Wirtschaftsinformatik IV

Job Advertisement of the University of Regensburg | Number 24.310

With over 20,000 students, the University of Regensburg is an innovative and interdisciplinary campus university with a wide range of highly regarded research activities and a broad and attractive range of courses for young people from Germany and abroad. We are looking forward to receiving applications for a doctoral or postdoctoral position with a focus on "Application-oriented Cryptography" in the fields of computer science and security. A position will be available there starting April 1, 2025.



We offer a full-time (40 hours per week) position in the field of computer science on the topic of "Application-oriented cryptography" with the unique opportunity to conduct independent, cutting-edge research in security, i.e. applied cryptography with a high degree of freedom in topic selection. The duration of the employment is for 3 Years (with potential for a 3-year extension) with the purpose of acquiring further academic qualifications (e.g. doctorate, § 2 para. 1 WissZeitVG). Salary is based on TV-L EG 13.

Research & Teaching:

- Conduct high-impact research within the domain of security and privacy, i.e. application-oriented cryptography, with the freedom to define and pursue individual research interests within the field.
- Publish in high-quality journals and conferences, and actively participate in academic discussions.
- Collaborate with other members of the department to contribute to interdisciplinary projects and industry partnerships.
- Support the teaching of Cryptography and other related application-oriented cryptography courses at the undergraduate and graduate levels.
- Supervise student research projects (Bachelor's, Master's, and potentially PhD theses (for postdoc candidates)).
- Engage with students to foster an interest in security and privacy.

Qualifications:

- Master's degree in Computer Science, Information Security, Mathematics, or a related field, with a strong academic record.
- Proven expertise in cryptographic protocols, practical cryptographic applications, or a closely related area.

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- Teaching experience or strong interest in academic teaching and mentoring.
- Excellent communication skills in English; knowledge of German is beneficial but not required.

What We Offer:

- A three-year position with the option for a three-year extension, providing long-term research stability.
- A supportive and diverse research environment with access to top-tier facilities and resources.
- Opportunities for collaboration, both within the university and with leading research institutions and industry partners.
- Competitive salary and benefits, including potential funding for conference travel, workshops, and other academic engagements.

The University of Regensburg is committed to increasing the proportion of women in its workforce and therefore explicitly encourages qualified women to apply. The University of Regensburg is particularly committed to reconciling family and career (for more information, see <https://www.uni-regensburg.de/universitaet/personalentwicklung/familien-service>).

In the case of equal suitability, severely disabled applicants will be given preferential treatment. Please indicate any severe disability in your application if applicable.

Please note that we cannot cover any costs that may arise for you in the case of an interview.

If you have any questions, please contact Ms. Heike Gorski (e-mail: heike.gorski@ur.de/Tel.: 0941/943-5901). We look forward to receiving your detailed application, which you should send as a PDF file by **January 13, 2025** by e-mail to kesdogan@ur.de.