The University of Klagenfurt is seeking to fill the post of a Postdoc-Assistant (f/m), non-tenure track hosted at the University Centre Digital Age Research Center, UZ D\'ARC. This is a full-time position for a period of 6 years (40 hours per week based on Uni-KV: B 1 lit. b.; aau.at/en/uni-kv). The minimum monthly gross salary for this position amounts to € 3,803.90 (14 times per year) and can increase to € 4,214.50 maximum in accordance with the provisions of the collective agreement in the case of consideration of previous occupational experience. This six-year fixed-term employment contract is anticipated to commence in September 2019 (but this is negotiable).

**Duties and Responsibilities:**

- Conduct independent research in the wider area of Cybersecurity
- Teach at undergraduate and postgraduate level, including setting and marking exams
- Student supervision at undergraduate and postgraduate level
- Involvement in administrative and organizational tasks and quality assurance
- Involvement in expansion of international scientific contacts of the department and faculty
- Participation in public relations activities of the department and faculty

The role holder will be part of the Cybersecurity research group, which has been newly established under the leadership of Prof. Elisabeth Oswald. The newly established Cybersecurity group’s research agenda will continuously evolve around the design and analysis of cryptographic algorithms, protocols and their implementations, with a particular emphasis on designs that can be securely implemented in the real world. Part of the wider research agenda is to integrate appropriate data science methods in the evaluation of practical implementations. A further key research focus is the engineering of tools that make leakage-resilient implementations possible, even for non-crypto experts.

**Required Qualifications:**

- PhD (on a crypto/security related topic)
- Some post-doctoral research experience
- Some evidence of teaching experience
- English language skills
- Publications in relation to a top-tier crypto or security conference (i.e. IACR sponsored conferences and workshops, ACM CCS, Usenix, IEEE S&P)

Candidates must meet the required qualifications by August 7, 2019 at the latest.

We are looking for ambitious candidates who are at the beginning of their career and want to help create and shape the research agenda of a newly established group. Ideally you will be open to collaborations beyond the typical confines of traditional crypto research (in the areas of data science, compilers and languages, but also towards the social sciences as part of the group’s agenda to be a central part of the D\'ARC research center).

The position is offered without the option of negotiating a qualification agreement.
The university aims to increase the number of women on its faculty, particularly in high-level positions, and therefore specifically invites applications by women. Among equally qualified applicants, women will receive preferential consideration.

People with disabilities or chronic diseases who are qualified are explicitly invited to apply.

General information for applicants can be found at aau.at/en/jobs/information.

Applications in English with the customary documents (letter of motivation, curriculum vitae, list of publications) must be submitted online by August 7, 2019 via the job portal jobs.aau.at/en/ in the category “University staff in science” by pressing the button “Show vacancies”, indicating reference code 283/19 and selecting “Apply for this position”.

Travel and accommodation costs incurred during the application process will not be refunded.

Translations into other languages shall serve informational purposes only. The English version alone shall be legally binding.