

The University of Innsbruck invites applications for the position of

**University Professor
of
Computer Science with focus on Edge AI
AIM AT Endowed Professorship for Edge AI**

at the Department of Computer Science at the Faculty of Mathematics. Computer Science and Physics.

It is a position in accordance with § 98 of the Austrian Universities' Act (Universitätsgesetz - UG) and will be based on a civil-law employment contract with the University on the basis of the Salaried Employees Act (Angestelltengesetz). The contract will be concluded for an unlimited period; the extent of employment is 100%.

The tender takes place within the framework of an endowed professorship funded by the "Artificial Intelligence Mission Austria Support Initiative (AIM AT Förderinitiative)", financed by the Austrian Future Fund, supported by the Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK).

The position integrates into an attractive environment of existing activities including machine learning for robotics and computer vision, IoT Edge-Cloud-Computing, HPC and low-power sensor technologies.

Responsibilities include

- federated machine learning
- energy efficient and fault tolerant methods of machine learning
- elastic, scalable, flexible, secure and data protection-compliant edge computing
- load balancing, scheduling, optimization and resource planning
- algorithms and architectures for specific applications of edge AI, e.g. in traffic management, manufacturing or medical technology
- resource constrained embedded machine learning

Collaborations with research groups at the Department of Computer Science, the Research Areas and in particular with the Digital Science Center of the University as well as with business, industry and international research institutions are expected. The candidate should reinforce or complement existing strengths of the Department of Computer Science.

Teaching comprises courses in all degree programs of computer science, especially at the Bachelor level and in the area of artificial intelligence and edge computing. Additionally, supervision of Bachelor, Master and PhD theses is expected.

This position also involves contributions to academic administration and self-governance as well as to the department's and faculty's working groups.

Employment Requirements include

- a) a degree in higher education in Austria or the equivalent abroad, pertinent to the position;
- b) pertinent habilitation or comparable qualification (e.g. senior lecturer, associate professor);
- c) publications in leading international peer-reviewed academic journals;
- d) proven competence in Edge AI methods;
- e) evidence of involvement in international research;
- f) relevant international experience;
- g) experience in acquiring and managing external research funds;

- h) experience in application oriented or interdisciplinary contexts
- i) pronounced teaching skills;
- j) management skills;
- k) the ability to teach in English;
- l) The ability to teach courses in German and English or, if necessary, the willingness to learn German for use in the context of university tasks.

Your application must have arrived by

17.05.2024

at Universität Innsbruck Fakultäten Servicestelle Standort

Technikerstraße 17, A-6020 Innsbruck (fss-technik@uibk.ac.at).

The University of Innsbruck is committed to increasing the percentage of female employees especially in leading positions and therefore explicitly invites women to apply. In the case of equivalent qualifications, women will be given preference.

In line with the Collective Bargaining Agreement professors are in remuneration group A 1, i.e., for a full-term professorship the basic salary is 6.362,50 Euro (14 times). Depending on qualification and experience a higher salary and facilities may be negotiated with the Rector. The university also offers attractive additional benefits (<http://www.uibk.ac.at/universitaet/zusatzleistungen/>).

The application should include: a curriculum vitae with a description of your scholarly and professional career; a list of scientific publications, lectures and other academic work and projects, including projects funded by third parties; a description of completed, current and intended research; a teaching concept and the five most important works (full text or abstract). All documents have to be submitted in digital form (E-Mail with pdf attachment).

The full, authoritative text in German (published in the official bulletin of the University of **03.04.2024**) and up-to-date information on the state of the opening can be found at <https://www.uibk.ac.at/fakultaeten-servicestelle/standorte/technikerstrasse/berufung/>

Univ.-Prof.ⁱⁿ Dr.ⁱⁿ Veronika Sexl
Rector