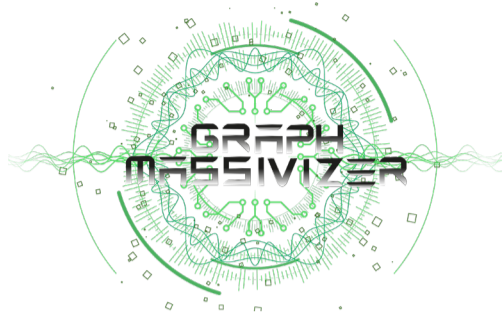


The Institute of Information Technology at the Alpen-Adria-Universität Klagenfurt invites applications for:



POSTDOCTORAL RESEARCHER (m/f/d)

temporary contract, full-time

within the Horizon Europe project **Graph-Massivizer**

“Massive Graph Processing of Extreme Data for a Sustainable Economy, Society, and Environment”
(coordination @ Klagenfurt)

at the Faculty for Technical Sciences. The monthly salary for these positions is according to the standard salaries of the Austrian collective agreement.

Graph-Massivizer researches and develops a high-performance, scalable, and sustainable platform for information processing and reasoning based on the massive graph representation of extreme data. It delivers a toolkit of five open-source software tools and FAIR graph datasets covering the sustainable lifecycle of processing extreme data as massive graphs.

The research group “Distributed Systems” does its research in parallel computing, Cloud computing, and multimedia systems. The goal is to publish in international, high-quality professional journals and conference transcripts and to cooperate with various commercial partners. Concerning teaching, our research group covers additional fields such as computer networks, operation systems, distributed systems, and compiler construction.

Your profile:

- Doctoral degree of Technical Science in the field of Computer Science, completed at a domestic or foreign university (with good final degrees)
- Interest and experience in parallel and distributed computing, Big Data, and energy efficiency
- Excellent English skills, both in written and oral form

Desirable qualifications include:

- Excellent programming skills, especially in C, C++, Python, and Java
- Experience in programming distributed systems, especially OpenStack
- Experience in programming parallel systems (multithreading, multiprocessing, OpenMP, MPI, CUDA, OpenCL)
- Relevant international and practical work experience
- Social and communicative competencies and ability to work in a team
- Experience in research projects

The working language and the research program are in English. Submit all relevant documents, including copies of all school certificates and performance records, by email to:

Prof. Radu Prodan

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9020 Klagenfurt, Austria

Email: radu.prodan@aau.at

URL: <https://itec.aau.at/>

Klagenfurt, situated at the beautiful Lake Wörthersee – one of the largest and warmest Alpine lakes in Europe – has nearly 103.000 inhabitants. Being a small city with a Renaissance-style city center reflecting 800 years of history and with Italian influence, Klagenfurt is a pleasant place to live and work. The university is only about 1.5 kilometers east of Lake Wörthersee and about 3 kilometers west of the city entrance.