

For a project funded by the Austrian Science Foundation (FWF), we are seeking for a postdoctoral researcher. This position is available for the duration of 3 years.

The applicant must have the following essential skills:

- Strong analytical background in applied discrete mathematics like graph theory and information theory. In particular, the desired candidate should have profound knowledge and research experience in quantitative graph theory.
- Knowledge in quantitative graph theory should comprise structural analysis of graphs, general graph measures, structural complexity, topological descriptors, and information-theoretic methods.
- Demonstrated research track and the ability to achieve research results independently.
- Programming skills in R/python/Java/C and database knowledge preferably in a Linux environment.

Background and proficiency in statistics, data analysis, and mathematical chemistry is a plus.

Moreover, good communication skills are also necessary. The successful candidate should have a PhD in mathematics, computer science, or physics.

Interested applicants should e-mail curriculum vitae, publication list, a cover letter expressing research interests and areas, and the contact information of three references to Matthias Dehmer (matthias.dehmer@unit.at).

The project will take place at University for Health Sciences, Medical Informatics and Technology (UMIT). Generally, in 2001 the University for Health Sciences, Medical Informatics and Technology (UMIT) was founded in Tyrol/Austria to provide IT solutions for the health care and life sciences. Today, academic research and teaching focus is in biomedical informatics, health sciences and nursing science.

UMIT has an integrated view of the different disciplines contributing to the health care sector.

Contact:

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