

At the University of Graz, researchers and students work across a broad disciplinary spectrum to enlarge our knowledge, and find strategies to deal with challenges our society is confronted with and to shape tomorrow's world. The University of Graz is a place which combines high quality academic research and teaching, where achievement is rewarded, careers are promoted, and social diversity is encouraged – all within a modern, award-winning working environment. Our motto: We work for tomorrow. Join us!

The IDea_Lab – the Interdisciplinary digital laboratory of the University of Graz – is a cross-faculty center to support a digital transformation which is aimed at the protection of democracy, social equity and sustainable development. The center consolidates interdisciplinary approaches to questions relating to digital transformation in research and teaching. It aims to promote interdisciplinary exchange in basic research on digitalization, to support the joint development, application and testing of data-intensive methods, and to help shape the transformation to a digital university.

The IDea_Lab of the University of Graz is seeking to appoint a

Professor of Data Analysis

(40 hours per week; selection procedure in accordance with Section 98 of the Universities Act (UG); permanent employment according to the Austrian Law on Salaried Employment (AngG); expected starting date March 1st 2024)

A central aspect of digitalization in terms of both research and everyday life are steadily increasing amounts of data (Big Data). This entails methodological questions such as the identification of basic parameters (feature engineering), the quantification of uncertainties, the discovery of patterns and causalities, the appropriate explanation of solutions (e.g., by means of Interpretable AI, or Explainable AI), as well as interdisciplinary applications (e.g., in the humanities, natural sciences, law, social sciences or economics). The professorship deals with the foundations of analysis methods and models in data science, focusing on Big Data in an interdisciplinary context within a regular university and in coordination with the professorship "Machine Learning Methods". Suitable candidates deal with topics such as feature engineering in large amounts of data, the discovery of causal relationships, the analysis and quantification of uncertainties in data-based predictions and decisions, as well as deterministic, statistical or Bayesian models. The professorship is intended to strengthen the methodological competence of the IDea_Lab and promote interdisciplinary research in the field of Data Analysis within the entire University of Graz and to represent it in teaching. Starting from the cross-faculty IDea_Lab, the to-be-appointed professor has an intrinsic interest in networking the field within the University of Graz, using excellent communication skills, and in establishing the field jointly with the professorship Machine Learning Methods as well as research partners at the different faculties/departments, using novel interdisciplinary concepts and research approaches.

Employment requirements:

- Austrian or equivalent foreign higher education degree corresponding with the position (doctorate/PhD)
- Habilitation or equivalent qualification in accordance with the advertisement
- Outstanding academic qualifications in research and teaching in the relevant discipline and for the profile of the professorship (commensurate with stage of academic career)
- Success in attracting subject-specific project grants, particularly where competitively awarded third-party funds are concerned
- Skills in higher education didactics and online teaching
- Skills in the supervision and guidance of early career researchers
- Professional experience abroad during academic career
- Management and leadership experience
- Gender mainstreaming skills
- Good knowledge of English and willingness to learn German
- Experience with interdisciplinary teaching
- Experience with interdisciplinary collaboration in the context of Data Analysis (displayed e.g., through publications or projects)

The successful candidate will be highly motivated, aiming for academic excellence and integrity in research and teaching. He/she will have demonstrated ability to collaborate constructively in a responsible manner and inspire colleagues and students in an interdisciplinary, internationally oriented context.

We offer a diverse, challenging, team-oriented working environment and a high degree of personal responsibility. Working hours are flexible and there are many options for further education and personal development.

Classification

Salary scheme of the Collective Bargaining Agreement for University Staff (Universitäten-KV): A1

Minimum salary

The minimum remuneration as stated in the Collective Bargaining Agreement is EUR 81.571,00 gross per year. Salary subject to negotiation.

Application deadline: **June 14th 2023**

Reference number: **BV/7/98 ex 2022/23**

Planned dates of the applicant's presentation: 7.11.2023 to 9.11.2023

The University of Graz is committed to increasing the proportion of female employees, especially in leadership roles. We therefore encourage qualified female colleagues in particular to apply for this position. In case of equal qualifications, women will receive priority consideration.

Please submit your application documents (in German or English) in accordance with the **general application guidelines** (which can be found at <http://jobs.uni-graz.at/en/Berufungsverfahren>) before the stated deadline. Your application documents should include the reference number of the position and be sent by email to:

bewerbung.professur@uni-graz.at

For further information please contact Univ.-Prof. Dr. Stefan Thalmann at stefan.thalmann@uni-graz.at.