Researchers and students at the University of Graz are shaping tomorrow's world. We are addressing a broad spectrum of specialist issues and responding strategically to diverse social challenges. The University of Graz is also a place where achievement is rewarded, careers are planned, and social diversity is promoted – all within a modern, award-winning working environment. Our motto: We work for tomorrow. Join us!

The Institute of Mathematics and Scientific Computing at the University of Graz encompasses the workgroups algebra, applied analysis, high performance computing, inverse problems and imaging, optimization and optimal control, and stochastics. Research and teaching at the institute feature two doctoral courses, participation in two special research programmes, several contractual research projects as well as joint bachelor's and master's programmes with TU Graz and a Centre for Didactics.

The Institute of Mathematics and Scientific Computing at the Faculty of Natural Sciences is seeking to appoint a

Professor (f/m) of Mathematical Optimization pursuant to § 98 of the University Act (UG)

(NF Kunisch)

(40 hours per week; permanent employment according to the Austrian Law on Salaried Employment (AngG); expected starting date October 1st 2020)

The professorship represents the areas of "Continuous Mathematical Optimization and Optimal Control" and combines application-driven research with a solid proficiency in calculus of variations, the theory of partial differential equations and optimal control. Expertise in numerical implementation is desirable. The job holder has the qualification and motivation to continue leadership of the workgroup 'Optimization and Optimal Control'. An active participation in the strategic university cooperation NAWI Graz is expected. Furthermore, a cooperation with BioTechMed-Graz and RICAM Linz is possible and desired.

Requirements for employment

- Completion of an appropriate university degree at a university in Austria or abroad
- Habilitation or equivalent qualification in mathematics
- Excellent scientific qualification in research and teaching for the relevant subject (relative to academic age)
- Work experience abroad after Master's degree
- Experience with acquisition of third-party funds
- Management and leadership experience
- Gender mainstreaming competence

The candidate is expected to demonstrate his/her educational and didactic skills. Teaching in the area of applied mathematics, in particular optimization, on the level of the bachelor's and master's programme (diploma, teacher training programme) as well as the doctoral programme. Corresponding to the academic curriculum vitae a high-quality publication activity (publications in relevant peer-reviewed journals), which also quantitatively reflects a professional focus on the research profile, and experience in the acquisition of competitive third-party funds is expected. Competence in the supervision / instruction of young researchers is desirable.

Classification

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

Minimum salary

The minimum salary according to the classification scheme of the collective agreement is EUR 70.071,40 gross per year (14 monthly salaries). Salary subject to negotiation.

Application deadline: **April 10th 2019**
Reference number: **BV/10/98 ex 2018/19**

The University of Graz is striving to increase the number of women, particularly in executive positions, and thus explicitly encourages qualified women to apply. In case of equal qualifications, women will receive priority consideration.

If you are interested, please submit your application documents in English in accordance with the general as well as the specific (especially defined for this professorship) application guidelines (which can be found at http://jobs.uni-graz.at/en/Berufungsverfahren) before the deadline. Your application documents should include the reference number of the position and be sent by email to:

bewerbung.professur@uni-graz.at