



JOB ADVERTISEMENT
at
TRIER UNIVERSITY

In the Faculty IV (Department of Mathematics) at Trier University, the position of a

research assistant (f/m/d)

in optimization is to be filled starting from November 2021. Remuneration is based on the salary group E 13 TV-L (100%) and the position is filled for an initial period of three years.

The tasks include the support of the professorship "Nonlinear Optimization" in research and teaching as well as the participation in the organization of the professorship. The opportunity for a doctorate is given.

The working group "Nonlinear optimization" is mainly concerned with mixed-integer nonlinear optimization as well as equilibrium problems. We study theoretical properties of these problem classes and develop algorithms to solve both mixed-integer nonlinear optimization and equilibrium problems. Many of the current questions in the working group are motivated by technical-physical or economic aspects in the field of energy, such as, for example, the cost-effective control of gas transport networks or the analysis of electricity trading in Germany and Europe.

The applicant is expected to enjoy working in an international team and to enjoy applied mathematical research. We also expect the candidate to be able to work independently, to be reliable and willing to work in an interdisciplinary environment, as well as to have excellent English language skills.

The prerequisite for employment is a master or diploma degree (or equivalent) from a university in mathematics.

Severely handicapped persons are given preferential employment if they are suitable.

Trier University is trying to increase the number of its female academics and urges them to apply.

Applications with the usual documents (letter of motivation, curriculum vitae, certificates and, if applicable, list of publications as well as a list of courses supervised to date) in a single PDF are requested by **15.08.2021** via e-mail to Prof. Dr. Martin Schmidt (martin.schmidt@uni-trier.de).