



The Research Training Group (RTG) “Algorithmic Optimization”, funded by the Deutsche Forschungsgemeinschaft (DFG), is accepting applications for

**doctoral research positions (TVL 13, 75%)  
at Trier University  
for a period of 3 years  
with a start date of early 2022**

The research topics are devoted to all mathematical aspects of algorithmic optimization with an emphasis on applications, in particular in large and big data as well as models from economics. The doctoral research positions do not involve teaching duties.

At the time of hiring, the applicants must hold a MSc degree (or equivalent) in mathematics or a strongly related field. They should be able to communicate in English and document their interest in the scientific goals of the research program of the Research Training Group. Excellent programming skills are a plus.

Applications should include:

- letter of motivation (no longer than two pages),
- curriculum vitae,
- a recent letter of reference (in English or German) to be sent directly to the address given below,
- contact information of at least one additional reference,
- copies of degrees earned (in German or English translation),
- a mathematical writing sample (preferably the master thesis),
- transcript of grades.

Applications from researchers of all nationalities are welcome. Trier University strives to increase the share of women in research and strongly encourages women to apply. Trier University is certified as a family-friendly employer. Provided equal qualifications are demonstrated, applicants with disabilities will be preferred.

Please compile all application materials into one pdf file and send it via e-mail to:

Graduiertenkolleg ALOP  
Mathematik - FB IV  
Universität Trier  
54286 Trier, Germany  
Email: [alop@uni-trier.de](mailto:alop@uni-trier.de)  
Subject: RTG ALOP

For full consideration, applications must be received no later than Wednesday, October 29, 2021. However, late applications may be considered until the positions are filled.

For more information see: <http://www.alop.uni-trier.de>