



TU Dortmund University is a dynamic research-oriented university with 17 departments in the natural and engineering sciences as well as social and cultural sciences. On our international campus, around 6,700 employees make a daily contribution to solving pressing questions of the present and the future. Openness and diversity characterize not only the collaboration in research and teaching, but also in technology and administration.

## Postdoc Position in Discrete Optimization

The Chair of Discrete Optimization at the Department of Mathematics has a vacancy for a postdoctoral researcher. Remuneration will be paid in accordance with the German collective wage agreement in pay group TV-L 13. This is a full-time position, initially limited to a period of 3 years. The possibility of a habilitation is given.

### YOUR TASKS:

- Participation in research projects on combinatorial or mixed-integer optimization
- Presentation and publication of scientific results in English
- Teaching to the extent of 4 SWS (semester hours), preferably in the form of independently organized courses
- Supervision of Bachelor and Master theses

### WHAT WE OFFER:

- Integration into a motivated working group with varied research interests
- Flexible working hours and the possibility of partially mobile work
- Diverse opportunities for scientific and personal development

### YOUR QUALIFICATION:

- Master's degree in mathematics or a related subject
- Doctorate completed with above-average success, with a thematic focus on the mathematical aspects of optimization
- Relevant publications in international peer-reviewed journals
- Very good knowledge of written and spoken English
- Personal commitment, good work organization skills and enjoyment of teamwork

### WHAT WOULD YOU IDEALLY BRING:

- Experience with the organization and implementation of courses
- Experience with the supervision of theses
- Experience with the application for third-party funds, in particular with the DFG (German Research Foundation)
- Interest in interdisciplinary cooperations

We promote diversity and equal opportunities. Convince us with your personality and expertise. Applications from women will be given preferential treatment in accordance with the statutory regulations. It is pointed out that the application of suitable severely disabled persons is desired.

If you have any questions, please contact:

Prof. Dr. Christoph Buchheim  
christoph.buchheim@tu-dortmund.de

**Are you interested? Then please send us your application (cover letter, CV and references) by 25.07.2022, quoting ref. no. w61-22 to:**

**Technische Universität Dortmund  
Prof. Dr. Christoph Buchheim  
Fakultät Mathematik  
Vogelthsweg 87  
44227 Dortmund**