

The University of Bonn is an international research university with a wide education and research profile. With a 200-year history, approximately 31,500 students, more than 6,000 staff, and an excellent reputation at home and abroad, the University of Bonn is one of the most important universities in Germany and is recognized as a University of Excellence.

The **Research Institute for Discrete Mathematics** is a central scientific unit of the University of Bonn and part of the **Cluster of Excellence "Hausdorff Center for Mathematics"**. It combines theoretical research in algorithmic discrete mathematics with applications of combinatorial optimization to industrial practice (in the areas of chip design and tour planning). It is committed to equal opportunity and the support of early-career researchers. We invite applications for a

W1 Junior Professorship in Discrete Mathematics with tenure track to W3

to be filled.

We are looking for candidates with a research focus on combinatorial optimization or adjacent areas in algorithmic discrete mathematics, and with publications in first-class journals and conferences. Besides research and teaching in discrete mathematics, willingness to contribute to industry cooperations of the research institute is expected. German language skills are not required in the beginning. The professor will normally become a member of the Hausdorff Center for Mathematics and the Faculty of Mathematics and Natural Sciences.

For this position we seek a promising early-career researcher who is starting to develop an own research agenda. This position is initially for three years and can be renewed after a positive intermediate evaluation for another three years. After a positive final evaluation, the university offers a (competitive) tenure track to a W3 position.

The University of Bonn promotes an open, respectful, and non-discriminatory academic culture and is actively committed to equal opportunity and family friendliness. We aim to eliminate structural disadvantages and to strengthen diversity in research, teaching, and administration. Therefore, we welcome all applications, regardless of ethnic or social background, gender, sexual orientation, religion or belief, disability, or age. Applications from women and people with a documented severe disability (or equivalent status) will be given preferential consideration in accordance with the Gender Equality Act of the state of North Rhine-Westphalia (Landesgleichstellungsgesetz NRW, LGG NRW) and Book IX of the Social Code (Sozialgesetzbuch IX, SGB IX).



The general conditions of employment are subject to § 36 Hochschulgesetz des Landes Nordrhein-Westfalen. The ideal starting date is October 1st, 2027, but this is negotiable.

Applications including a CV, copies of certificates, publication list, your five most important publications, research and teaching statements, description of experience in teaching and in applied projects, and list of acquired third party fundings, are requested **by November 9, 2026** through the application web portal of the University of Bonn <https://berufungsportal.uni-bonn.de>

The committee may also accept, at its discretion, applications beyond this date.

For any questions, please contact the acting director of the Research Institute for Discrete Mathematics, Professor Jens Vygen (vygen@dm.uni-bonn.de).

The criteria for the interim and final evaluations can be found in the PDF version of this job description at:

<https://www.uni-bonn.de/en/university/working-at-the-university/job-opportunities/vacancies-professors>