



SFB 1481  
Sparsity and  
Singular Structures

**RWTH**AACHEN  
UNIVERSITY

## Two Independent Postdoctoral Positions in Mathematics

The new Collaborative Research Center (CRC) *Sparsity and Singular Structures* (SFB 1481) at RWTH Aachen University seeks excellent, highly motivated candidates with strong mathematical skills in one or more of the fields applied analysis, numerical analysis, mathematical foundations of machine learning and/or signal processing, probability theory, optimization and algebra in order to fill two independent postdoctoral positions that give the candidates the opportunity to develop their own research agenda within the general scope of the Collaborative Research Center Sparsity and Singular Structures (SFB 1481) at RWTH Aachen University. These independent postdoctoral researchers are not directly associated to one of the subprojects of SFB 1481.

The CRC tackles challenging problems in the above mentioned fields of mathematics. More information about the SFB 1481 can be found at

<https://www.sfb-s3.de>

Applicants are asked to inform themselves about the spectrum of topics of the research center, e.g., by browsing the descriptions of sub-projects. The envisaged research agenda should be well-aligned with the general topics of SFB 1481.

Employment will be at least two years. A longer contract duration may be possible depending on availabilities in one of the research groups linked with SFB 1481. Candidates should hold a doctoral degree in Mathematics (or closely related subject). Applications may be submitted before the respective degree is completed, but the degree must be finalized before the start of the position.

Applications for these positions may be written in English or German and should be emailed as a **single pdf-file** to

[s3-info@mathc.rwth-aachen.de](mailto:s3-info@mathc.rwth-aachen.de)

and include:

- Application form, download here:  
<https://www.sfb-s3.de/independent-postdoc>
- Cover letter explaining motivation, specifying research interests and naming potential postdoc mentor(s) among the members of SFB 1481

- Research agenda that the applicant would like to pursue at SFB 1481
- Curriculum Vitae
- Transcript (list of all courses including grades)
- Copies of degree certificate
- Doctoral thesis
- Short summary of doctoral thesis

In addition to the above, at least one **letter of recommendation** by a senior scientist, commenting on the applicant's qualifications, should be sent directly by the letter writer to the email address above. Additional potential reviewers may be listed in the CV.

We will start reviewing applications on (previous deadline extended)

**November 13, 2022.**

Later applications will be considered until the positions are filled.

General questions about the CRC or the application process may be sent to [s3-info@mathc.rwth-aachen.de](mailto:s3-info@mathc.rwth-aachen.de).