

This is a call for applications for postdoctoral positions (PDoc) and positions for doctoral students (PhD) within the Collaborative Research Center (CRC) Geometry and Arithmetic of Uniformized Structures (GAUS) at the participating universities of Darmstadt, Frankfurt, Heidelberg, Mainz, Münster and Hannover. We are seeking to fill 9 positions for

**Doctoral Research Associates
(salary level TV-L E 13, 75%)**

and 9 positions for

**Postdoctoral Research Associates
(salary level TV-L E 13, 100%)**

to commence at the earliest possible date. Doctoral Research positions are offered for at least 3 years, postdoctoral research positions for at least 2 years. We warmly welcome applicants from a broad range of research directions within arithmetic and algebraic geometry. If you are enthusiastic about developing excellent research in a supportive environment, we encourage you to apply. For further information see our website.

Your role

- Pursue independent and collaborative research in arithmetic algebraic geometry within the CRC GAUS.
- Engage actively in mathematical discussions, learning seminars, and research seminars within the department and the CRC community.
- Make use of funding opportunities to travel to workshops and conferences, build your professional network, and, if you wish, organize scientific events.

Our expectations for doctoral researchers

- You hold (or are close to completing) a university degree with above average grades in mathematics or a related field that meets the qualifications required for a doctorate.
- Your research interests align with or foster links within the research programme at CRC GAUS
- You are eager to pursue your own research ideas and to contribute to the mathematical activities of the department and the CRC GAUS.
- You work independently as well as collaboratively in a team.
- You speak and write English fluently. German language skills are not required.

Our expectations for postdoctoral researchers

- You hold (or are close to completing) a strong doctorate in mathematics or a closely related field.
- You have a solid background in modern algebraic geometry and a strong interest in its arithmetic aspects.
- You are eager to pursue your own research ideas and to contribute to the mathematical activities of the department and the CRC GAUS.

Application documents:

- Applications should contain a cover letter, CV, copies of degree certificates and full academic transcripts, as well as evidence of proficiency in English.
- Applicants are invited to include examples of their academic work if appropriate.
- Applicants should also nominate at least two potential supervisors listed as investigators in a relevant research area within the CRC GAUS.
- Please name at least two persons that can be contacted for letters of recommendation.

Please send your complete application documents via email in one pdf (max 5MB) addressed to the spokesperson of the CRC Jakob Stix to applications.crc326gaus@math.uni-frankfurt.de. You may also apply directly to a principal investigator.