

Announcement of a postdoc position

For January 1st 2018 or sooner, the Fachbereich 08 – Physik, Mathematik, Informatik – Mathematisches Institut, Algebraische Geometrie seeks to fill

**a Postdoc position
(EG 13 TV-L
Kenn-Nr. 1617-08-wiss-sd**

for two years in the Emmy-Noether Research Group of Helge Ruddat.

Role:

We expect that you participate in the research of the Emmy-Noether research group "Degenerations of Calabi-Yau manifolds and Related Geometries", your research is supposed to enrich the existing capacities.

Connected to the position is the duty to help organize activities of the research group like seminars and conferences, also to support the training of PhD, master and bachelor students
There are no teaching obligations.

Requirements:

- Scientific university degree (bachelor/masters) in a field of mathematics and the soon expected or finished PhD in mathematics
- knowledge and research skills in algebraic or symplectic geometry
- In depth knowledge in one or more of the following subfields: logarithmic geometry, mirror symmetry, tropical geometry, Gromov-Witten theory, deformation theory, toric geometry, Gross-Hacking-Keel-Kontsevich- oder Gross-Siebert-program
- strong motivation and curiosity, self-determined work ethics and an interest in scientific discussions and sharing of knowledge in the work group

The Johannes Gutenberg-Universität Mainz intends to increase the proportion of women in scientific fields and therefore invites women to apply for the position.

Disabled candidates will be preferred if they fill the requirements.

When you send in your application, please do so **only electronically** and give the above code number. The deadline is **October 1st, 2017** and the email address is

Emmy-Postdoc@uni-mainz.de

Please provide a single file pdf with the following material:

- cover letter
- CV
- short exposé (max. 1. page) of own research ideas, may be sketchy
- publication list (if any)
- copies of the PhD/bachelor/master certificate(s)
- Please also provide your most relevant paper or PhD thesis as a separate pdf, yet unpublished works are welcome
- As well as two reference letters (sent as separate pdf directly to adress above)

For further questions, please contact Helge Ruddat by email ruddat@uni-mainz.de.