

Doctoral position within DFG project „Asymptotic geometry of the Higgs bundle moduli space“

Applications are invited for a doctoral position within the DFG project „Asymptotic geometry of the Higgs bundle moduli space“ inside SPP 2026 „Geometry at infinity“. The appointment is for 3 years starting no later than April 1st 2021. The position is available as of now.

The successful candidate is expected to conduct research leading towards a PhD thesis in the above mentioned project of the principal investigators Jan Swoboda and Hartmut Weiß and to actively participate in the activities of SPP 2026. He or she is expected to bring in proven expertise in at least one of the following fields

- analysis of nonlinear PDEs, preferably in a geometric setting
- differential geometry
- gauge theory

The position will be based at Universität Heidelberg in the workgroup of Jan Swoboda. The successful candidate is expected to spend at least 6 months under the supervision of Hartmut Weiß at CAU Kiel.

Applications including

- a letter of motivation including research interests
- a detailed CV
- a copy of master's thesis

should be sent by email to

Jan Swoboda (swoboda@mathi.uni-heidelberg.de)

before November 1st 2020 in order to receive full consideration. Applicants should also arrange for one letter of recommendation to be sent directly to the above e-mail address.