

At the University of Göttingen -Public Law Foundation-, Institut für Astrophysik und Geophysik, there is a position as

PhD student (all genders welcome)
Entgeltgruppe 13 TV-L/60%

to be filled. Starting date is as soon as possible. The position is limited to 3 years.

The position is offered in the field of magnetic fields in low-mass stars and brown dwarfs. The starting date is negotiable but is expected to be around Nov 2023.

The position intended to serve the qualification of young academics and offers the possibility of a doctorate.
PhD student candidates will have a Master's degree.

We offer an innovative and dynamic work environment with access to high-precision spectrographs and telescopes in our institute and at international observatories such as the ESO-VLT, Calar Alto observatory, and McDonald Observatory. Research at IAG combines theoretical and observational work in stellar and extragalactic astrophysics, solar physics, extra-solar planets, cosmology, instrument development as well as other fields. The institute is involved in the CARMENES exoplanet survey, the new infrared high-resolution spectrograph CRIRES+, the integral field spectrograph MUSE at ESO/VLT, as well as the Hobby Eberly Telescope. IAG hosts the DFG-funded Research Unit 2544 "Blue Planets around Red Stars", and we are part of the DFG Priority Programme 1992 "Exploring the Diversity of Extrasolar Planets". Göttingen is a historic university city with a vibrant student population situated close to the Harz mountains in central Germany.

The PhD project is based on high-resolution spectroscopic observations carried out as part of CRIRES+ guaranteed time observations at the VLT, and CARMENES observations from Calar Alto observatory as well as HPF observations at the Hobby Eberly Telescope. The goal is to model and analyze the spectroscopic signatures of magnetic fields in low-mass stars and brown dwarfs.

You are welcome to contact Ansgar Reiners for any questions you may have about the application or position.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The University is particularly committed to the professional participation of severely disabled employees and therefore welcomes applications from severely disabled people. In the case of equal qualifications, applications from people with severe disabilities will be given preference. A disability or equality is to be included in the application in order to protect the interests of the applicant.

Please upload your application in one pdf file including the usual documents until 7/31/2023 on the application portal of the university using this link: <http://obp.uni-goettingen.de/de-de/OBF/Index/74142>. For more information get in touch with Ansgar Reiners directly via E-Mail: Ansgar.Reiners@phys.uni-goettingen.de, Tel. +49 551 39 28530 .

Please note:

With submission of your application, you accept the processing of your applicant data in terms of data-protection law. Further information on the legal basis and data usage is provided in the [Information General Data Protection Regulation \(GDPR\)](#)