

Job ID: IWF051PD123

The Space Research Institute ([IWF](#)) with about 100 employees from twenty nations, is one of the largest institutes of the Austrian Academy of Sciences ([OeAW](#)). The institute is located in the Victor Franz Hess Research Center of the OeAW in the south of Graz and hosts [eight research groups](#) on the astrophysics of the solar system, exoplanets, and space instrumentation. The IWF also operates a world-leading satellite laser ranging station at the Lustbühel Observatory. The Space Research Institute in Graz invites applications for a

POSTDOC POSITION (F/M/X)

Exoplanet atmospheres – links to observations

(full-time, 40h per week)

The successful candidate will be part of Prof Christiane Helling's research group *Exoplanets: Weather & Climate* at the IWF which is part of the OeAW's effort to expand the theme of exoplanet research at the Space Research Institute (IWF) Graz.

Your profile:

- PhD in the relevant fields of astrophysics
- Experiences in interpreting ground based and space instrumentation data
- Experiences in 3D retrieval, polarimetry and/or gas-cloud radiative transfer modelling
- Knowledge in scientific programming, publishing, and proposal writing

Your tasks:

- Link complex modelling results (e.g., 3D atmospheres, cloud modelling) to observations
- Scientific data interpretation (e.g., CHEOPS) and preparation for PLATO, Ariel and other future missions
- Publication and proposal writing activities

The appointment begins as early as November 01st, 2023 and will be for three years. We offer an annual gross salary of € 60.926,60, (full-time based, 14 payments) according to the collective agreement of the Austrian Academy of Sciences.

Applications must include a cover letter in addition to (1) curriculum vitae, (2) list of publications, (3) statement of the applicant's research experience (max 2 page) and a research plan (max 1 pages), (4) certificates for full academic record, and (5) two references letters. Please send the application in one PDF file, mentioning Job ID: IWF051PD123 to cosima.muck@oeaw.ac.at **no later than July 20th, 2023**. Inquiries about the position should be directed to Prof Dr Christiane Helling.

The Austrian Academy of Sciences pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.