

Job ID: IWF093PD124

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](#) working on physics 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)

### *in Exoplanet atmosphere modelling with magnetic coupling*

(full-time, 40h per week)

The institute invites applications for a short-term PostDoc position in the area of exoplanet atmosphere modelling who specializes in scientific tasks related to magnetic field coupling. The successful candidate will be part of Prof Christiane Helling's research group *Exoplanets: Weather & Climate (Complex Atmosphere Modelling)* at the Space Research Institute (IWF) Graz.

#### Your tasks:

- Model the magnetic field coupling in 3D global circulation models for gas giant exoplanets
- Support CHEOPS data interpretation and PLATO science preparation
- Publish in high-profile refereed journals and support proposal writing

#### Your profile:

- Holding a PhD in physics, astrophysics, or a related field
- Experience in solar system space plasma physics and/or magnetohydrodynamics
- Experiences in programming beyond python
- Experiences in publishing in high-profile journals

The appointment will be for 2 years and may begin as soon as possible. The annual gross salary for this position is € 66.501,40 according to the collective agreement of the OeAW.

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), (3) certificates for full academic record, and (4) one letters of references. Please send the application in one PDF file by email to [cosima.muck@oeaw.ac.at](mailto:cosima.muck@oeaw.ac.at), (mentioning Job ID: IWF093PD124) **no later than August 01<sup>st</sup> 2024**. Documents (1)-(3) should be included in a single PDF file. The reference letters should be directly sent by the referee to [cosima.muck@oeaw.ac.at](mailto:cosima.muck@oeaw.ac.at).

Inquiries about the position should be directed to Prof. Christiane Helling ([christiane.helling@oeaw.ac.at](mailto:christiane.helling@oeaw.ac.at)).

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