

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) in *Exoplanet Atmosphere Cloud Modelling* (full-time, 40h per week)

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. Our work is focused on fundamental research to understand the cloud and gas-phase chemistry in the diversity of extrasolar planets, and in modelling their 3D climate and weather behaviour in order to physically interpret observational data as for example from present space missions like JWST and CHEOPS and in the future, e.g., PLATO, Ariel, NEWATHENA, HWO.

### Your profile:

- The applicant must hold a PhD in physics, astrophysics or geoscience or related areas.
- The successful candidate will benefit from a background in exoplanet and/or solar system cloud formation or chemistry modelling in diverse chemical environment.
- Experiences in programming are required.
- Past experiences in working with students will be beneficial.

### Your tasks:

- The post holder will play a crucial role in working on our kinetic cloud formation model as part of our efforts in providing physical interpretations of observational data for space missions, for example, CHEOPS, JWST, PLATO, ARIEL, NEWATHENA, HWO. The post holder will be part of related space mission work packages.

The appointment may begin as early as June 01<sup>st</sup>, 2024; a later start date is possible. The appointment will be for 2+2 years. We offer an annual gross salary of € 66.501,40 according to the collective agreement of the Austrian Academy of Sciences. Included are various social benefits.

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 letters of references. Please send the application in one PDF file, mentioning Job ID: IWF143PD123 to [cosima.muck@oeaw.ac.at](mailto:cosima.muck@oeaw.ac.at) by **May 15th, 2024**. Inquiries about the position should be directed to Prof Christiane Helling.

*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.*