

Job ID: IWF117PD121

The Space Research Institute ([IWF](#)) of the Austrian Academy of Sciences ([OeAW](#)), Austria's leading non-university research and science institution, is offering a

POSTDOC POSITION (F*M)
in Protoplanetary Disk Research
(full-time, 40h per week).

The successful candidate will join a new research group founded at the IWF entitled "Planet-forming Disks and Astrochemistry" led by Dr. Peter Woitke as part of the OeAW's efforts to expand the theme of exoplanet research at the Space Research Institute (IWF) in Graz.

The Space Research Institute (IWF) is involved in about 20 missions led by most of the world main space agencies. The disk group will focus on connecting astrochemistry with planet formation, and to link those theories to both astronomical and solar system observations, and here links to current and future observational campaigns with IWF contribution are highly desirable.

The candidate is expected to be an expert in at least one of the following fields:

1. astrochemistry and radiative transfer in protoplanetary disks
2. gas and dust hydrodynamics in disks, MRI
3. winds, outflows and disk evolution
4. modelling planet formation with links to mineralogy and geology
5. observation of protoplanetary disks

In cases 2, 3 or 4, the candidate should be keen on combining their research with the chemical insights provided by the results of thermo-chemical models concerning the ionisation and chemistry of the gas, the location and composition of the ice, and the material composition of the rocks forming in disks.

In case 5, the successful candidate is expected to have led several observational programs which resulted in significant publications.

The applicant must hold a PhD in Physics, Geophysics, Astrophysics, or a related field. The appointment is initially for a duration of 3 years, with the possibility of an extension for another 3 years. The appointment begins as early as April 1, 2022.

We offer an annual gross salary of € 49.718,34 (W3/1) according to the collective agreement of the Austrian Academy of Sciences (OeAW).

A valid application must include (1) curriculum vitae, (2) publication list, (3) research statement - max 3 pages, (4) academic certificates, and (5) names of three referees willing to send letters of recommendation.

Applications should be sent via email to cosima.muck@oeaw.ac.at in a single PDF file.

The closing date of applications is January 1, 2022, but remains open until a suitable candidate has been found. For inquiries, contact Dr. Peter Woitke (peter.woitke@oeaw.ac.at). For more information about the institute, see <http://www.iwf.oeaw.ac.at>.

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. The OeAW lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.