ÖAW - Forschen für die Welt von morgen

As a central non-university institution for science and research, the **Austrian Academy of Sciences - OeAW** has the task of **"promoting science in every respect"**. Founded in 1847 as a learned society, it now has over 760 members and around 1,800 employees dedicated to innovative basic research, interdisciplinary knowledge exchange and the dissemination of new insights. The OeAW initiates and maintains partnerships worldwide and represents Austria in international scientific organizations; it cooperates with numerous institutions in the scientific field in order to actively **shape the research landscape**.

POSTDOC POSITION (F/M/X) in Space Plasma Physics

Job ID: IWF046PD225

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 Space Plasma Physics .

(Full-time employee)

The institute is inviting applications for a two-year postdoctoral position focused on fundamental plasma processes, with particular emphasis on plasma turbulence, plasma energization, and transport within the magnetosheath. The work is supported by FWF (Austrian Science Fund) under grant number 10.55776/PAT9232923. The research is based on data analysis and theory related to NASA MMS (https://www.oeaw.ac.at/en/iwf/research/space-missions/current-missions/magnetospheric-multiscale) and to ESA Cluster missions (https://www.oeaw.ac.at/en/iwf/research/space-missions/current-missions/cluster) to which IWF has made significant contributions in hardware development.

Ihr Aufgabenbereich

- Conduct own research based on data analysis and theoretical studies.
- Actively participate in the science task for the missions relevant to the IWF contributed instruments.
- Regular publications in peer-reviewed journals and presentations at international conferences.

Ihr Profil

- The applicant must hold a PhD in physics, astrophysics, or a related field.
- Experience in analyzing data from multi-point in-situ measurements of fields and plasma, as well as in theoretical and modeling studies related to turbulent plasma energization processes, utilizing data from space missions listed above.
- Communication skills to work in an international team with broad interests in space physics.

Unser Angebot

The annual gross salary according to the collective agreement of the Austrian Academy of Sciences (OeAW) for this position is € 69.028,40 (full time based, before taxes).

Please send your application including (1) a curriculum vitae, (2) a list of publications, (3) a statement of your background, research interests, and relevant experiences (up to 10 pages), (4) up to three names of references with the full contact information by klicking "jetzt bewerben", no later than 30 May 2025.

Inquiries about the position should be directed to Dr. Zoltán Vörös (zoltan.voeroes@oeaw.ac.at). Find more information at: https://www.oeaw.ac.at/en/iwf/research/research-groups/space-plasma-physics

JETZT BEWERBEN

The Austrian Academy of Sciences is committed to increase female employment in leading scientist positions. Qualified female applicants are encouraged to apply.

Kontakt

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