

Job ID: IWF165PD222

The Space Research Institute ([IWF](#)) of the Austrian Academy of Sciences ([OeAW](#)), Austria's leading non-university research and science institution, has been studying the physics of space plasmas and the atmospheres of planets inside and outside our solar system IWF is offering a

POSTDOC POSITION (F*M)

in Space Plasma Physics

(full-time, 40h per week)

The space plasma physics group at the Space Research Institute (IWF) Graz is involved in a number of ongoing and future missions, e.g. Cluster, THEMIS, MMS, BepiColombo, Solar Orbiter, SMILE, Foresail-2, JUICE, Comet Interceptor, and Helioswarm, with which plasma processes in the solar wind and magnetospheres throughout the solar system are/will be studied. By closely working together with IWF engineering groups, specializing in magnetometry and onboard processors related to these missions, in-depth analysis of the data can be performed to maximize the science return from these missions.

The institute invites applications for a one-year postdoc position in the area of heliospheric plasma physics.

Your tasks:

- To work on the magnetic helicity profile of the solar and heliospheric plasma
- To actively participate in the science measurements in the inner heliosphere such as Solar Orbiter
- Studies based on data analysis as well as theoretical studies which will support these observations are highly expected

Your profile:

- A PhD in space science, plasma physics, astrophysics, or a related field
- Experience in waves and turbulence in the astrophysical plasma as well as dynamo mechanism
- Ability to work in an international team with broad interests in space science and astrophysics

You will become a member of an active international research group working on a variety of topics of space plasmas. We will offer you an opportunity to establish your research career in a positive working environment. The annual gross salary for this position is € 56.861 according to the salary scheme of the Austrian Science Fund ([FWF](#)).

Please send your application including (1) a curriculum vitae, (2) a list of publications, (3) statement of the past and current research experience (up to 2 pages), (4) certificates for full academic record, and (5) two names of references with the full contact information in a single PDF file via email to yasuhito.narita@oeaw.ac.at, mentioning Job ID: IWF165PD222, **no later than December 31st, 2022**.

Inquiries about the position should be directed to Dr. Yasuhito Narita (+43-316-4120-574). Find more information at: <https://www.oeaw.ac.at/en/iwf/research/research-groups/space-plasma-physics>

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.