

Job ID: IWF108PD122

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. The institute 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 three years postdoc position in the area of space plasma physics based on the analysis of data obtained by space missions on which IWF instrument contributions are active.

Your tasks:

- To work primarily on solar wind-magnetosphere-ionosphere coupling processes related to the science goals of the upcoming missions [SMILE](#) and [Foresail-2](#)
- To actively participate in the science preparation for these missions
- Studies based on data analysis as well as theoretical studies which will support these observations are welcome

Your profile:

- A PhD in physics, geophysics, astrophysics, or a related field
- Experience in analysis of spacecraft data from plasma and electric and magnetic field instruments
- Ability to work in an international team with broad interests in space physics

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 according to the collective agreement of the Austrian Academy of Sciences (OeAW) for this position is € 54.018,02. Depending on qualification and experience, the salary can be negotiated.

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) up to three names of references with the full contact information in a single PDF file via email to rumi.nakamura@oeaw.ac.at, mentioning Job ID: IWF108PD122, **no later than November 30th, 2022**. Review of application materials will begin October 15th, 2022 and will continue until the position is filled.

Inquiries about the position should be directed to Dr. Rumi Nakamura (+43-316-4120573). 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.