Job ID: IWF096PD124

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, 40h per week)

The institute invites applications for a two-years postdoc position working for fundamental plasma processes in particular magnetic reconnection, plasma energization/transport in space. The research based on data analysis or theory/modeling related to NASA MMS (https://www.oeaw.ac.at/en/iwf/research/space-missions/current-missions/magnetospheric-multiscale) for which IWF has significantly contributed in hardware development: Active spacecraft potential control (ASPOC) instrument, Digital fluxgate (DFG) magnetometer, and Electron drift instrument (EDI) and is involved in the mission science team.

Your tasks:

- Conduct own research based on data analysis and/or 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.

Your profile:

- The applicant must hold a PhD in physics, astrophysics, or a related field
- Experience in analyzing data from in-situ measurements of fields and plasma or in performing theoretical/modeling studies related to the space mission(s) listed above or linked to other space missions in the magnetospheres in the solar system.
- Communication skills to work in an international team with broad interests in space physics

We offer an annual gross salary of € 66.501,40, according to the collective agreement of the Austrian Academy of Sciences.

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 in a single PDF file via email to claudia.grill@oeaw.ac.at and rumi.nakamura@oeaw.ac.at, mentioning Job ID: IWF096PD124, **no later than October 01st, 2024**.

Inquiries about the position should be directed to Dr. Rumi Nakamura (rumi.nakamura@oeaw.ac.at). 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.

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