

OeAW - Discovering the future

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 (f/m/x)

Job ID: MBI124PD126

MBI performs a rich experimental particle physics research program participating in accelerator and non accelerator-based experiments. The institute has major involvements in ALICE and CMS at CERN, the Belle II experiment at KEK and several Dark Matter discovery

experiments. The main focus of the activities in this position is the analysis of identified hadrons. Such studies are expected to improve the understanding of the formation properties of the Quark-Gluon Plasma (QGP) formed in high-energy heavy-ion collisions. State-of-the-art tools such as Machine Learning are expected to be employed as part of this work. Short periods at CERN for detector shifts or participation in ALICE internal meetings are expected.

Postdoc (f/m/x)

(Full-time employee)

(Office & remote)

Your Tasks

- Data analysis of Run 3 data within the ALICE Collaboration.
- Participation in ALICE meetings, both remotely and in-person at CERN.
- Contribution to service work-related activities within the ALICE Collaboration.

Your Profile

- A PhD in particle physics is required.
- Expertise in Software Development, Monte Carlo Simulations and/or Machine Learning techniques is desirable.
- Experience with instrumentation and detector work is considered an asset.

Our Offer

- Interesting and diversified work embedded in a highly motivated team studying state-of-the-art high-energy nuclear physics
- Attendance of international conferences and schools for advanced training

Please apply online including a cover letter in addition to (1) curriculum vitae, (2) list of publications, (3) statement of the research experience (max 2 pages), (4) certificates for full academic record, and (5) two reference letters.

The two reference letters should be sent to mbi-office@oeaw.ac.at and the other documents should be submitted together with the application in the onlyfy system by clicking on the button below. **Applications should be sent no later than November 27th, 2026** to be given full consideration, but applications are considered until the position is filled.

The minimum annual gross salary for this position is EUR 70.167,44 (full-time based), in accordance with the collective agreement of the Austrian Academy of Sciences (ÖAW). For part-time employment, the salary will be adjusted on a pro rata basis in line with the agreed working hours.

APPLY NOW

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.

Contact

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