



## 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 researcher (f/m/x)

Job ID: HEPHY044PD225

The Institute of High Energy Physics (HEPHY) of the Austrian Academy of Sciences (OeAW) is looking for a

**Postdoc researcher (f/m/x)**

(Full-time employee)

to join the research activities of the Belle II group.

## Ihr Aufgabenbereich

HEPHY has a long tradition of participating in various high energy physics and dark matter experiments, development of particle detectors and theoretical physics. Recently, new efforts dedicated to machine learning and the study of gravitational waves have started. Regarding Belle II, HEPHY plays a leading role in the operation of the Belle II Vertex Detector and in physics studies related to semi-leptonic and rare B decays, tau physics, dark sector and charm physics.

The positions will be funded as part of the principal investigator Project “Improved search for  $B^+ \rightarrow K^+ \nu \bar{\nu}$ ” from the Austrian Science Fund under the grant agreement PAT 1823724.

- Work in the context of rare B decays at Belle II
- Search with an inclusive tagging approach the decay  $B^+ \rightarrow K^+ \nu \bar{\nu}$
- Contribute to the operation of the Belle II experiment

## Ihr Profil

- A PhD degree in physics
- A creative approach to problem-solving and a collaborative mindset
- Documented experience in data analysis of high-energy physics experiments
- Previous experience with the Belle II experiment

## Unser Angebot

- A dynamic and young research environment in the world’s most livable city
- The possibility of scientific and personal growth via dedicated support and training
- An annual gross salary of € 69.028,40, according to the collective agreement of the Austrian Academy of Sciences

To apply, please send the following documents to [hephy-office@oeaw.ac.at](mailto:hephy-office@oeaw.ac.at) :

- A one-page research statement highlighting your expertise and interest in the position.
- CV
- Two letters of recommendation
- A tentative starting date between the 1st of May and the 1st of September 2025

Please submit your application no later than March 31st , 2025. Applications received before the deadline and containing all the required material will be considered until the positions are filled. For further questions, please contact [gianluca.inguglia@oeaw.ac.at](mailto:gianluca.inguglia@oeaw.ac.at).

**JETZT BEWERBEN**

*Die Österreichische Akademie der Wissenschaften (ÖAW) verfolgt eine diskriminierungsfreie Beschäftigungspolitik und legt Wert auf Chancengleichheit sowie Vielfalt. Insbesondere Personen aus unterrepräsentierten Gruppen werden ausdrücklich ermutigt, sich zu bewerben.*

## Kontakt

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