



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**.



Praedoc (Diss) (f/m/x)

Job ID: MBI101DOC126

The Marietta Blau Institute for Particle Physics (MBI) of the Austrian Academy of Sciences in Vienna (OeAW), Austria is offering a position as

Praedoc (Diss) (f/m/x)

(Part-time employee)

(Office & remote)

MBI performs a rich experimental particle physics research program, participating in accelerator and non accelerator-based experiments. The institute has major involvement in ALICE and CMS at CERN, the Belle II experiment at KEK and several Dark Matter discovery experiments. A research group works on R&D of particle detectors for those experiments, as well as for their applications in medical imaging. For that, it collaborates with MedAustron, an ion cancer therapy and research center. For an upgrade of the Belle II Vertex Detector and for the future FCC ee, we design and develop depleted monolithic active pixel detectors and its associated readout electronics.

In this context, MBI is offering a **PhD position for three years**, located in Vienna. The PhD student will join the ALICE collaboration and will involve the design of the electronics system for the ALICE 3 Outer Tracker readout system, and back-end electronics based on the FELIX platform. Active participation in further ALICE activities is expected.

Your Tasks

- work on the development of the readout of the ALICE 3 outer tracker
- participate in ALICE meetings remotely and at CERN, Geneva
- present the work in national and international conferences

Your Profile

- A master ' degree in either particle physics or electronics.
- Expertise in solid-state detector R&D and electronics
- Knowledge in FPGA programming and/or ASIC design

Our Offer

- A position in an innovative and internationally active environment crucial to succes
- Numerous voluntary social benefits

- Flex time arrangement
- Opportunity to work independently and develop personally
- The academic curriculum will be pursued at Technical University of Vienna (TU Wien), as the OeAW does not issue academic degrees

The minimum annual gross salary for this position is EUR 53.140,92 (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.

Please apply online including a cover letter in addition to motivation letter and transcript of grades, no later than November 15, 2026, but applications are considered until the position is filled.

Additional send one recommendation letter directly to mbi-office@oeaw.ac.at.

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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