Job ID: SMI114DOC123

The Stefan Meyer Institute for Subatomic Physics (SMI) of the Austrian Academy of Sciences (OeAW), Austria's leading non-university research and science institution, is offering a

PhD Student Position (f/m/x)

(part-time, 30h per week)

for a duration of 3 years.

The Stefan Meyer Institute (SMI) is devoted to basic research in the field of subatomic physics. The successful applicant will join the SMI/ALICE group, which specialises in high-energy heavy-ion collisions and the characterisation of the Quark-Gluon Plasma (QGP), a state of matter created in the extreme conditions in such interactions. The PhD student will join the ALICE collaboration and will focus on utilising heavy-flavour particle production measurements to constrain the formation dynamics of a QGP in various conditions. Active participation in further ALICE activities is expected and includes the execution of a 6-month service task, participation in ALICE internal meetings and the undertaking of in-person data taking shifts at CERN, in Geneva, Switzerland.

Your Profile:

- A master's degree in physics is required.
- Expertise in Software Development, Monte Carlo Simulations and/or Machine Learning techniques is desirable.

The position starts when the qualified candidate is found but earliest January 01st, 2024, and it will run for a period of three years. Review of applications will begin on November 30th, 2023 and will continue until the position is filled.

The annual gross salary according to the salary scheme of the Austrian Academy of Sciences for this position is € 34.606,85 for 30 hour-employment.

Please send your application documents including 1) **a motivation letter**, 2) **a CV** and 3) a **transcript of grades** to David Dobrigkeit Chinellato (david.dobrigkeitchinellato@oeaw.ac.at) mentioning Job ID SMI114DOC123. The applicant should also arrange for **a minimum of one recommendation letter** to be sent to the same e-mail address.

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.