

Job ID: SMI194PD221

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

POSTDOC POSITION (F*M)

in the field of Experimental Heavy-Ion Physics with the ALICE experiment at the LHC

(full-time, 40 hours per week)

for a duration of 2 years.

Position

The Stefan Meyer Institute (SMI) is devoted to basic research in the field of subatomic physics. The successful candidate will join the SMI-ALICE group and will be involved in the areas of the group's interest. The candidate will primarily work on the analysis of dielectron production in nuclear collisions, with the aim to improve the knowledge of the properties of the Quark-Gluon Plasma (QGP) created in heavy-ion collisions. He/she will use machine learning methods needed for the analysis and implement Monte Carlo simulations for a correct interpretation of the data. Short periods at CERN for detector shifts or participation at ALICE working meetings are foreseen.

Requirements

The position requires a PhD in particle physics. The successful candidate will have experience in data analysis in heavy-ion or particle physics, expertise in Monte Carlo simulations and software development. Experiences with machine learning frameworks and high-performance computing environments, and any other statistical learning tools are considered a plus.

Offer

The position starts when the qualified candidate is found but earliest 1.2.2022, and it will run for a period of two years. Review of applications will begin immediately and will continue until the position is filled.

The annual gross salary according to the salary scheme of the Austrian Science Fund (FWF) for this position is € 55.242,60, based on a full-time employment.

Application

Applicants should submit a resume highlighting personal research achievements, a list of publications where their own contributions were significant, and a statement of research interests and expertise to Elisa Meninno (elisa.meninno@cern.ch) mentioning Job ID: SMI194PD221, **no later than February 28th, 2022**. In addition, the applicant should arrange for at least one letter of recommendation to be sent to the above email-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.