



75 Kallipoleos Ave, P.O. Box 20537, Nicosia 1678, CYPRUS

Title: Postdoctoral Research Associate

No. of Position(s): 1

Category: 2 Year Contract (full time)

Location: University of Cyprus, Nicosia

The University of Cyprus (UCY) high-energy physics group has one available position for a postdoctoral research associate to work on the CMS experiment. The UCY CMS group consists of 3 academic members, two postdoctoral fellows and six graduate students. The group is currently involved in trigger development for Run 3 data taking and on the Phase-2 Level 1 Trigger upgrade with focus on tau triggers. Our group is active in CMS data analyses involving the search for charged Higgs bosons decaying to a variety of final states and event topologies, and in the development of advanced algorithms for particle tagging algorithms with deep learning techniques.

QUALIFICATIONS

The position requires a PhD or equivalent in particle physics with experience especially in software development, data analysis and statistical methods. Applications from candidates with prior experience and interest in exploring machine learning techniques are highly encouraged. The position is funded through a Cyprus Research and Innovation Foundation grant.

DUTIES AND RESPONSIBILITIES

The successful candidate will be expected to play a leading role in the group's activities related to data analysis.

EMPLOYMENT TERMS

The appointment will be from October 1, 2019 (or as soon as possible thereafter) and would extend, in the first instance, until September 30, 2021. The annual salary is €40,000. Employee and Employer contributions will be deducted from this amount. There is no provision for 13th salary. The successful candidate would be based in Cyprus and will make frequent visits to CERN.

Application material should be uploaded on the web address: <https://applications.ucy.ac.cy/recruitment> and should include (1) a cover letter, (2) a resume/cv, (3) a statement of research interests and (4) the contact details of three academic referees who upon submission of the application, will be automatically notified to upload their references. The deadline for applications is September 6, 2019.

For all enquiries about the position please contact prof. F. Ptochos (f.ptochos@ucy.ac.cy).

NOTE: Filling of the vacancy is subject to funding availability.