

The High Energy Physics (HEP) group at Pontificia Universidad Católica del Perú (PUCP) invites applications for a postdoctoral research position. The position is related to work in the ALICE experiment at CERN. The successful candidate is expected to play a major role in the design and performance analysis of the fast interaction trigger (FIT) detector. He/she should also be part of the commissioning of the diffractive physics detectors and data analysis in Run 2. Part-time involvement in data analysis of neutrino deep inelastic scattering in the MINERvA experiment at Fermilab is also within the scope of this appointment. The position does not imply an obligation to have teaching duties.

Candidates should have received or be about to receive a PhD degree in experimental particle physics that reflects significant experience with particle detectors. Strong software skills are also desirable. Application material should include a CV with a list of publications, a statement of research interests, a cover letter, and three letters of recommendation. The review-process will begin immediately upon reception of the required materials and will last until the position is filled.

The 2-year appointment will be based mostly at PUCP in Lima, with visits to CERN and Fermilab. The funding of the position includes: a net salary of 6000 PEN (~2130 USD) per month with the possibility to be raised upon performance review; health insurance; payment of the arrival trip (max 1800 USD for the flight ticket); financial support for occasional travels abroad.

The HEP group at PUCP is the leading particle physics group in Peru. Besides its collaboration with ALICE and MINERvA, it also carries out research on theoretical neutrino physics/astrophysics, flavor physics, and SUSY. Presently, within a framework of a fast-growing economy, Peru's government is giving a vigorous impulse to basic and applied research through new schemes of funding. This has attracted talented native and foreign researchers to seek research positions at Peruvian institutions. The Physics Department at PUCP is among these institutions. It offers a stimulating research environment that comprises areas such as foundations of quantum mechanics, theoretical and experimental quantum optics, experimental material sciences, fluid dynamics, applied optics and acoustics.

All application material should preferably be sent as a single pdf file via email to jlopez@pucp.edu.pe quoting in the subject line HEPPD-applicant's name. The recommendation letters should be sent by the referees to the same e-mail address and subject, HEPPD-applicant's name. Please keep this subject line in any correspondence about this position.

Further inquiries may be addressed to Prof. Alberto Gago (agago@pucp.edu.pe).