

Job Posting

Open Date: 01/08/2019

Close Date: 02/11/2019

Fermi National Accelerator Laboratory seeks highly qualified candidates for up to three (3) positions for a Postdoctoral Research Associate working on the Compact Muon Solenoid (CMS) experiment at the CERN Large Hadron Collider (LHC).

Fermilab has a strong and exciting research program on CMS. Fermilab is the home of the LHC Physics Center (LPC) and plays a leading role in physics analysis on CMS in the areas of searches for physics beyond the standard model, studies of the Higgs Boson, and measurements of standard model processes. Each successful candidate will be highly motivated to conduct physics research and will be expected to lead in analysis of the full dataset of the 13 TeV proton-proton collisions acquired in run 2, and the 14 TeV collisions planned for run 3.

Fermilab has commitments to CMS in several areas within both the operation and upgrade of the experiment. Each successful candidate will be expected to contribute to technical research in one of the following areas: the timing detector, high granularity calorimeter, outer tracker, trigger or scientific computing.

Research Associates may be stationed at Fermilab, in Batavia, Illinois or at CERN, in Geneva, Switzerland.

Positions are for an initial period of up to three (3) years, with the potential for extension considered on a yearly basis thereafter.

Qualifications and Essential Job Functions

- Ph.D. in particle physics, nuclear physics, or a relevant discipline, by the time of the appointment.
- Strong record of recent accomplishments in experimental physics.
- Excellent oral and written communication skills as demonstrated by presentations at conferences and a record of publication(s) in peer-reviewed journals.
- Ability to abide by all environment, safety and health regulations
- Willingness to respect, understand and value individual differences that embody laboratory principles of diversity and inclusion

Physical Activity and Work Conditions

HUMAN FACTORS: Mental concentration, sitting, tight work schedule, and visually demanding work. In addition, the ability to travel by automobile and/or commercial air carrier both domestically and internationally may be required.

Apply

Interested candidates should submit via Academic Jobs Online:

- 1) a brief cover letter,
- 2) curriculum vitae,
- 3) statement of research interests,

- 4) list of selected publications, and
- 5) at least three letters of reference to be submitted by the reference writers at the AJO site

Please use this URL <https://academicjobsonline.org/ajo/jobs/13093>

Applicants should submit their material as soon as possible, as selection of candidates for interviews will begin immediately and will continue until all positions are filled.

For general information about these positions, please contact Dr. Robert Harris at rharris@fnal.gov.

There is no legal requirement that Fermilab sponsor an employee for U.S. permanent residence. As a result, Fermilab will make the decision to sponsor an employee on a case-by-case basis. Fermilab will consider the following factors, among others, when determining whether to sponsor an employee for U.S. permanent residence: performance, length of service, long-term need for the position, and cost.

Diverse people. Diverse jobs. Great science.

Fermilab is America's particle physics and accelerator laboratory.

Fermilab is an Equal Opportunity Employer. Minorities/Women/Disabled/Veterans are encouraged to apply.