

Job Description

Open Date: 12/21/2017

Close Date: 02/23/2018

Fermi National Accelerator Laboratory seeks highly qualified candidates for more than one open position 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 expected to lead in analysis of the data from the 13 TeV proton-proton collisions.

Fermilab has commitments to CMS in several areas, including the operation of the experiment, and the upgrade of the detector and trigger. Each successful candidate will be expected to contribute to technical research in one of the following areas: the timing detector, outer tracker, high granularity calorimeter, or scientific computing. Candidates with the experience and motivation to engage effectively in technical research will be given special consideration for a position.

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

Term of Appointment

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 or a related 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.

Candidates must have the:

- 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.

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.

Please use this URL <https://academicjobsonline.org/ajo/jobs/10666>.

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.

Physical Activity and Work Conditions

HUMAN FACTORS: Mental Concentration, Sitting, and Tight Work Schedule.

In addition, the ability to travel by automobile and/or commercial air carrier both domestically and internationally is required.

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.