

Postdoctoral Research Associates - Massachusetts Institute of Technology (MIT)

The Experimental High Energy Physics Group at the Massachusetts Institute of Technology (MIT) has an immediate opening for two postdoctoral research associate to work on the CMS experiment.

The selected candidates will work in a group that took a leading role in the discovery of the Higgs boson. Our physics program presently focuses on the search for Dark Matter and the measurement of Higgs boson properties. The successful candidate is expected to play a major role in the analysis effort.

Candidates should have a Ph.D. in experimental particle physics, excellent data analysis, computing and programming skills and the ability to carry out an independent research program.

The MIT group is involved in several detector projects such as the Data Acquisition system, the Level 1 Trigger Upgrade, the Hadron Calorimeter Upgrade, the High Granularity Calorimeter Trigger Upgrade, and CMS Computing. At MIT we operate a Tier-2 computer center, providing resources for data analysis both locally and as part of the CMS computing grid.

The two positions are targeted for one person stationed at CERN taking a major responsibility in our DAQ program and another person stationed at MIT taking a major responsibility in our computing program including our Tier-2 Computing center.

The positions are available immediately but applications will be considered until the position is filled. To ensure full consideration, candidates should apply by December 15, 2018. The appointments are initially for one year and renewable annually, subject to mutual satisfaction. Interested candidates should send a curriculum vitae and arrange for three letters of recommendation to be sent to:

Prof. Christoph Paus, e-mail: ppc-jobs@mit.edu

All material should be send electronically. MIT is an equal opportunity affirmative action employer. Applications from minority and female candidates are encouraged.