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

The selected candidate will work in a group that has taken a leading role in the recent discovery of a new Higgs-like particle at 125 GeV. 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 Hadron Calorimeter upgrade, and the 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.

This position is targeted for a person taking a major responsibility in our DAQ program and stationed at CERN.

The position is available immediately but applications will be considered until the position is filled. To ensure full consideration, candidates should apply by August 15, 2014. The appointment is 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:

Profs. Markus Klute and 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.