

MIT Postdoctoral position

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 discovery of the Higgs bosons at 125 GeV and presently focuses on searching for Dark Matter and learning more about Higgs physics. The successful candidate is expected to play a major role in this 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, the Hadron Calorimeter, the new High Granularity Calorimeter, the Computing projects, and the Level One Trigger Upgrade. 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 major responsibility in the Level One Trigger as part of the track-calorimeter correlator project for the High Luminosity LHC upgrade.

The position is available immediately and applications will be considered until the position is filled, but to ensure full consideration, candidates should apply by October 10, 2017. 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:

Prof. Philip Harris, 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.

Addendum:

The deadline for the MIT postdoctoral job application is extended to two weeks to a deadline of October 24th. Applications beyond this point will still be considered, but to ensure full consideration, candidates should apply by the deadline listed above.

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