Postdoctoral Associate (Particle Physics Collaboration)

Posted: 02/14/20
Job number: 18568

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 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 measurement of Higgs boson properties and searches for new physics with an emphasis on Dark Matter. The successful candidate is expected to play a major role in the analysis effort.

The MIT group is involved in several detector projects such as the Data Acquisition system, the Level 1 Trigger Upgrade, the Calorimeter 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 position is available immediately but applications will be considered until the position is filled. To ensure full consideration, candidates should apply by March 15, 2020. 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. Markus Klute, e-mail: klute@mit.edu (mailto:klute@mit.edu)

All material should be send electronically.

Job Requirements:
The 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.

MIT is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities. MIT is a non-smoking environment.