

POSTDOCTORAL RESEARCH ASSOCIATE
PURDUE UNIVERSITY

The High Energy Physics Group at Purdue University 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 a strong involvement in all aspects of triggering and reconstruction of muons with a physics focus on the analysis of di-lepton final states. The successful candidate is expected to play a leading role in these physics analyses and in the ongoing development of the muon reconstruction and High-Level trigger software. 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 position will be based in West Lafayette, IN, although travel to CERN for a number of short trips per year and/or extended periods of time during the data taking are expected.

The Purdue group has played a major role in the construction and commissioning of the CMS forward pixel detector, hadron calorimeter, endcap-muon detector, and the development of high-level trigger software. At Purdue we operate a Tier-2 computer center, providing resources for data analysis both locally and as part of the Grid.

The position is available immediately and applications will be considered until the position is filled, but to ensure full consideration, candidates should apply by April 30, 2012. 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. Norbert Neumeister
Department of Physics
Purdue University
525 Northwestern Avenue
W. Lafayette, IN 47907-2036, USA

E-mail: neumeist@purdue.edu

Materials may be sent electronically. Purdue University is an Equal Opportunity Affirmative Action Employer. Applications from minority and female candidates are encouraged.

Norbert Neumeister
neumeist@purdue.edu
(765) 494-5198
<http://home.cern.ch/neumeist>

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