Dear Collaborators,

The LHC Physics Center (LPC) at Fermilab (http://lpc.fnal.gov) seeks applications for CMS LPC Fellowships for the year 2014.

The deadline for applications and supporting letters is July 7, 2013. Applications received after the deadline will not be considered. The applications must include a research proposal and a plan for residency at (or travel to) the LPC. The research plan should highlight the impact which the proposal is expected to have on CMS and to connect it with activities already taking place at the LPC, or with the intent to start a new program that will enhance the LPC contributions to CMS. Please submit three letters of recommendations. Senior (tenured or tenure-track) faculty do not need to submit letters of recommendation.

We are looking for CMS members from across the collaboration with a Ph.D. in particle physics and an established track record of expertise in a specific object and/or physics analysis, or an activity related to the CMS Upgrade. A typical Fellow will have had experience organizing and leading a group of physicists within CMS or another HEP experiment, or has demonstrated the potential to do so. A Fellow will use the resources available at the LPC to make a major contribution to CMS in the areas of physics analysis and/or object development and/or refinement or a contribution to the CMS Upgrade. The Fellowship provides an outstanding opportunity for young scientists to develop an independent research program. The starting date for each position will be January 2014. This is negotiable, but will be no earlier than September 2013 or later than May 2014.

The LPC serves primarily as a resource and physics analysis hub for several hundred physicists at US institutions in the CMS collaboration. The LPC offers a vibrant community of CMS scientists from US and overseas institutions, they play leading roles in analysis of data, in the definition and refinement of physics objects, in detector commissioning, and in the design and development of the detector upgrade. There is close and frequent collaboration with the Fermilab theory community. The LPC provides outstanding computing resources and software support personnel. The proximity of the CMS Tier-1 and the CMS Remote Operations Center at Fermilab allows critical real time connections to the experiment. The LPC offers educational workshops and tutorials in analysis techniques, software development and organizes conferences and seminar series.

Successful candidates will ordinarily be resident at the LPC for 50% or more of the duration of the Fellowship. There is a travel budget to enable regular trips to CERN and to conferences to present work. Each position is tenable for a minimum of six...
months and a maximum of one year, in the first instance. Renewal of the Fellowship is possible but requires a new proposal. The maximum amount of Fellowship support is two years.

The Fellowship will support candidates in two scenarios:

Scenario 1 - Visiting post docs and faculty will receive up to 50% remuneration from the Fellowship with the remainder provided by the home institution. The remuneration will be limited to salary and fringe benefits, university overhead will not be paid.

Scenario 2 - Candidates for whom the Fellowship is the sole position will receive full remuneration from the Fellowship.

In the past >90% of the Fellows were under Scenario 1. Scenario 2 is supported under exceptional circumstances.

The application website is at https://academicjobsonline.org/ajo/jobs/2704

Questions about the LPC Fellowship 2014 program may be directed to the LPC coordinators:

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