



dépasser les frontières



LABORATOIRE DE L'ACCÉLÉRATEUR LINÉAIRE
CNRS et Université PARIS-SUD Centre
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Opening for two Post-doctoral positions

Two three-year postdoc positions are opened in the LHCb LAL (Orsay, FR) group funded by the European Research Council (ERC). The contracts should start between July 1st and December 1st 2015.

There are currently 9 CNRS permanent researchers, 2 post-docs and 4 PhD students in the LHCb LAL group. The group is involved in the monitoring of the current calorimeter (read-out electronics, level 0 trigger calibration) but also in the preparation for the upgrade (read-out of the calorimeter at 40 MHz, Low Level Trigger as well as tracking and simulation for the SciFi).

Analysis activities of the group are focused on the study of B decays in modes with open-charm, search for very rare decays of D mesons, measurements of quarkonia properties using hadronic decays, B_c^+ meson studies and analysis of B meson decays into K^*ll .

The post-docs will be requested to work in the area of Heavy Ion at LHCb for which the ERC project has been funded. One post-doc will concentrate on reconstruction software and on the development of the triggers algorithms. The other post-doc will work on the simulation and analysis of heavy ion data. In both cases previous experience in these areas would be appreciated although not mandatory. The data analysis activities will include quarkonium and open charm studies in the three LHC running configurations, proton-proton, proton-lead and lead-lead collisions as well as beam gas interactions with the "SMOG" system. The postdocs will be based in Orsay but will regularly go to CERN in particular to participate in data-taking and monitoring of the detector.

The applications should be sent to Giulia Manca (giulia.manca@cern.ch) and Patrick Robbe (robbe@lal.in2p3.fr) before June 2nd 2015.

The application should include:

1. A cover letter explaining the interest in the position;
2. A curriculum vitae;
3. A list of publications, highlighting the personal contribution of the candidate;
4. The names of two referees.

The applicant must ask the referees to send a letter of recommendation directly to the two addresses given above within the indicated date.

For additional information please contact Giulia Manca (giulia.manca@cern.ch) or Patrick Robbe (robbe@lal.in2p3.fr).

LAL is an Equal Employment Opportunity Employer and especially invites applications from women and members of underrepresented groups.