



Postdoc position on LHCb at Universitat de Barcelona within ERC-StG CLIMB

The Experimental High Energy Physics group at Universitat de Barcelona is opening a postdoc position to work on LHCb data analysis and Real Time Analysis software, in the context of the ERC-StG CLIMB.

The Experimental High Energy Physics group at Universitat de Barcelona has an extensive experience in data analysis involving rare decays, has participated since the inception of the detector in calorimetry R&D and has applied its expertise to the development of photon and electron reconstruction methods.

The successful candidate is expected to take an active role in LHCb data analysis regarding the study of b to d $l^+ l^-$ decays, as well as in the development and calibration of the reconstruction and identification of photons and electrons for the ongoing and upcoming upgrades of the experiment. They will also participate in the data taking efforts during Run 3.

A PhD in Physics or equivalent is required for this position. Previous experience in particle physics data analysis and reconstruction methods is desired. Knowledge of the LHCb software framework is a plus but not mandatory.

We offer a full-time three-year position starting on April 1st. Later starting dates are possible but funding is only guaranteed until March 2028. The position is based in Barcelona with frequent travel to CERN foreseen.

Applications should be sent to carla.marin.benito@cern.ch including a two-pages CV, a cover letter summarizing the research interests and two recommendation letters. Review of applications will start on February 28th. The position will be open until filled but applications received before this date will be given priority. Informal enquiries can be addressed to the same email.