



PhD student position on LHCb at Universitat de Barcelona

The Experimental High Energy Physics group at Universitat de Barcelona is opening a PhD student 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 of the reconstruction and identification of photons and electrons for the upcoming upgrades of the experiment. They will also participate in the data taking efforts during Run 3.

An MSc title is required to enroll as a PhD student at Universitat de Barcelona. Students who expect to complete their MSc during this course are encouraged to apply. Knowledge of particle physics and data analysis techniques will be valued.

The position is available starting from September 16th. We offer a full-time four-year contract with a competitive salary. The position is based in Barcelona but frequent travel to CERN is foreseen.

Applications should be sent to carla.marin.benito@cern.ch including a two-pages CV, a cover letter summarizing the research interests and a recommendation letter. We will start reviewing applications on 15th April. 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.