
We are pleased to announce a joint PhD position between the University of Cagliari and the Université de Savoie Mont-Blanc/LAPTh, with funding from the Vinci program.

This joint PhD position entails a formal co-tutelle between the two universities, in accordance with the Erasmus+ agreement. Upon completion of the program, the student will be awarded a double PhD degree, recognized both in Italy and in France. The PhD candidate is expected to divide their time between the Italian and French hosts in approximately a 2/3 vs. 1/3 ratio.

The expected starting date for this position is October 2024.

The PhD candidate will be tasked with researching rare, semi-invisible B-meson decays, both experimentally within the LHCb collaboration and theoretically at LAPTh. The semi-invisible nature of these decay modes presents an opportunity to address open problems within both the Standard Model and beyond, including the search for light, new, elusive particles.

The application process will be conducted through a public call from the University of Cagliari. This call will be posted shortly, with an expected application deadline in mid-April. The allocation of the post will then proceed through an open competition.

We encourage interested individuals to contact Francesco Dettori (francesco.dettori@cern.ch) or Diego Guadagnoli (diego.guadagnoli@lapth.cnrs.fr) for more information about the position and guidance on the application procedure.
