

Implications of LHCb measurements and future prospects

16-18 April 2012, CERN

We are pleased to announce this informal workshop between the LHCb collaboration and interested theorists. This follows a similar meeting held [10-11 Nov.2011](#), and can be considered a satellite meeting of the Implications of LHC results for TeV-scale physics series of workshops ([29 August - 02 September 2011](#), [26-30 March 2012](#), [13-17 July 2012](#)), in particular [WG3 \(8-9 December 2011\)](#).

The purpose of the meeting is to consider the latest results from LHCb, discuss possible interpretations and identify important channels and observables to test leading theoretical frameworks in the near future of LHCb data-taking. The outcome from the meeting will be to prepare a document that will be submitted to the [European Strategy Group](#).

The meeting, and the resulting document, will be arranged in three main streams, listed below with the names of their conveners

charm mixing and CP violation: [Silvia Borghi](#), [Marco Gersabeck](#), [Patrick Spradlin](#)

B mixing and CP violation: [Angelo Carbone](#), [Moritz Karbach](#), [Yuehong Xie](#)

rare decays: [Johannes Albrecht](#), [Tom Blake](#), [Diego Martinez Santos](#)

All interested theorists are welcome to participate, and are encouraged to register at the [workshop INDICO page](#). To express interest in giving a presentation, please contact the conveners of the relevant stream. Unfortunately, to allow informal discussion, we must restrict the participation to exclude members of competing experiments.

For general matters, please contact the organising committee:

[John Ellis](#), [Tim Gershon](#), [Gino Isidori](#), [Gilad Perez](#), [Frederic Teubert](#), [Guy Wilkinson](#)

Please feel free to forward this announcement to any interested colleagues.