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## **B decays, CKM, spectroscopy B and Charm at LHCb (40' +5')**

*Thursday, 9 June 2011 10:00 (45 minutes)*

The LHCb experiment has accumulated a sample of  $\sim 37 \text{ pb}^{-1}$  of data during the 2010 run of LHC, at a center of mass energy of 7 TeV, and has already collected more than 150  $\text{pb}^{-1}$  in the 2011 run. Results will be presented for heavy flavour production and decays in several modes. First measurements of the  $B_s$  mixing frequency and CPV phase, direct CP asymmetries and searches for new Physics in rare B decays will be also shown.

**Presenter:** CALVI, Marta (Universita degli Studi Milano - Bicocca)

**Session Classification:** 4A - B and top