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CP violation studies in B decays with LHCb

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The study of CP violation (CPV) in B decays is a powerful tool to search for new physics beyond the Standard Model. The LHCb experiment will be able to improve the precision of many measurements that have been performed at the B-factories, and make the first high precision studies of CPV in the B_s system. First results will be presented from the 2010 LHC run, and future prospects reviewed.”

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Classification de Session: Flavour Physics and Leptogenesis

Classification de thématique: Experiment