



LHC Seminar

SPEAKER: Yuehong Xie (University of Edinburgh (GB))
TITLE: **New results on Bs mixing and CP violation from LHCb**
DATE: Tue 21/05/2013 11:00
PLACE: Main Auditorium

ABSTRACT

Oscillation effects in the Bs meson system provide a window on physics beyond the Standard Model. The latest results from LHCb on the mass and width differences between the two physical eigenstates, and the CP violating phase measured in the $B_s \rightarrow J/\psi \phi$ decay channel are presented. In addition, results of a first study of the CP violating phase in the penguin-dominated $B_s \rightarrow \phi \phi$ decays are shown.