

ICHEP2012



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Type: **Parallel Sessions**

Heavy flavour spectroscopy at LHCb

Thursday 5 July 2012 12:15 (15 minutes)

LHCb is a dedicated B physics experiment at the LHC. During the 2011 run the experiment collected 1.0 fb⁻¹ of data. This large data sample allows to explore the b baryon sector with unprecedented precision. We will present the first observation of the Λ_b^* baryons and measurements of the properties of Ξ_b and Ω_b baryons. In addition we will present results on the production and properties of the Bc meson, including searches for previously unobserved decay modes.

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Session Classification: TR5 & TR7 - Room 220 - B Physics and CP Violation, etc.

Track Classification: Track 5 - B-Physics