

XXVI International Workshop on Deep Inelastic Scattering and Related Subjects



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Heavy flavour spectroscopy and exotic states at LHCb

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The LHCb experiment is designed to study heavy hadrons produced in proton-proton collisions at the LHC. Charmed and charmonium hadrons produced in the pp-collision or in b-hadron decays are studied to identify new states, confirming or disproving those recently claimed, and establishing their quantum numbers. The spectroscopy of heavy baryons is also explored with observations of doubly charmed baryons and new excited states in the beauty sector.

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