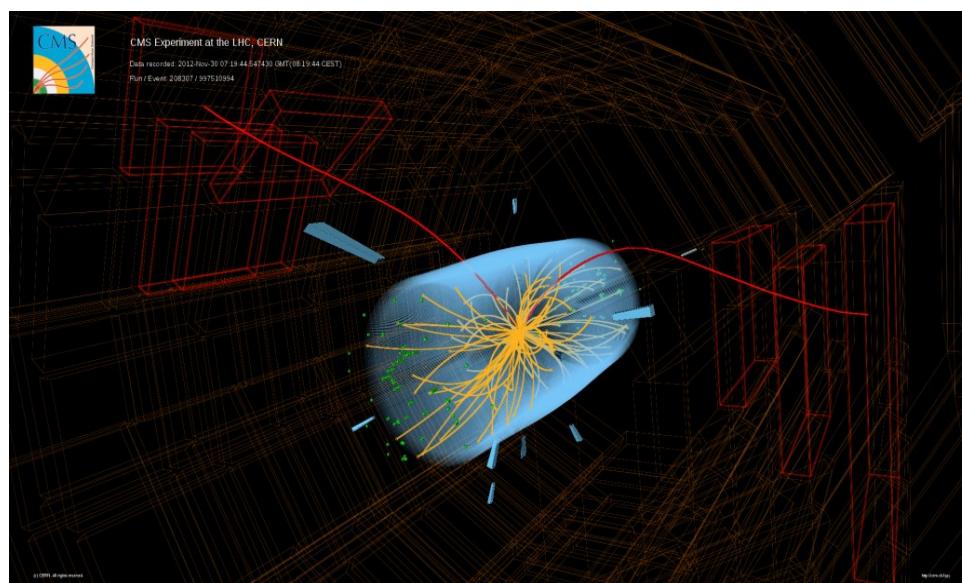




Heavy flavour physics with the CMS experiment.

Vincenzo Chiochia (Zurich Univ.)

Tuesday, 19 November 2013, 16:45 h, Auditorium



The Compact Muon Solenoid (CMS) experiment at the Large Hadron Collider investigates proton-proton collisions at unprecedented center-of-mass energies. In this presentation we review the recent results achieved by CMS in the field of heavy flavour physics, ranging from production cross section measurements, heavy hadron spectroscopy and properties, as well as searches for new physics in rare decays of B hadrons. In particular, we present the observations of a new baryon with beauty, the Ξ_b^{*0} , and of the rare decay $B_s \rightarrow \mu^+ \mu^-$.

- **Coffee, tea and cookies will be served at 16:30h**
- **After the seminar there is a chance for private discussions with the speaker over wine and pretzels**