

# b-baryon Searches at CMS

Mirena Ivova

The spectroscopy and properties of heavy baryons is of interest to QCD and to models of the strong interaction. This talk will report on the analysis of the neutral  $\Lambda_b$  with decay channel  $\Lambda_b \rightarrow J/\psi\Lambda$  and the charged states  $\Sigma_b^{(*)\pm} \rightarrow \Lambda_b\pi^\pm$ .