



Contribution ID: 83

Type: **not specified**

## Measurements of B production with the CMS experiment (15' + 5')

*Thursday 9 June 2011 17:00 (20 minutes)*

We present the measurements of b-quark production in inclusive channels and exclusive decays. The measurements are based on different methods, such as inclusive jet measurements with secondary vertex tagging or selecting a sample of events containing jets and at least one muon. In addition, measurements of B<sup>+</sup>, B<sup>0</sup> and B<sub>s</sub> meson production cross sections are presented. Finally, a study of the angular correlations between beauty and anti-beauty hadrons is presented, probing for the first time the small angular separation region.

**Presenter:** OTIOUGOVA, Polina (University of Zurich)

**Session Classification:** 4D Parallel - B, charm and onia