



ID de Contribution: 184

Type: Ordinary

## Studies of the rare decays of B mesons to muon pairs with the ATLAS detector at LHC Run 1

*dimanche 13 mars 2016 11:00 (15 minutes)*

The study of the rare decays  $B_s^0 \rightarrow \mu^+ \mu^-$  and  $B^0 \rightarrow \mu^+ \mu^-$  has been performed using  $25 \text{ fb}^{-1}$  of integrated luminosity collected with the ATLAS detector during LHC Run 1. The analysis and the results are presented.

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**Classification de Session:** Heavy Flavours

**Classification de thématique:** Experiment