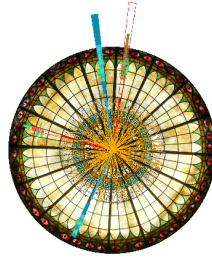


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## B-hadron production with the ATLAS experiment

*Tuesday 28 April 2015 10:45 (20 minutes)*

We present the latest results from the ATLAS experiment on B-hadron production, including the  $B_c^+$  production cross-section measurement, observation of the  $B_c(2S)$  state, branching ratio measurement of  $B_c \rightarrow J/\psi D^{(*)}$  decay and extraction of fragmentation fractions  $f_s/f_d$  via reconstructed  $B_s \rightarrow J/\psi \phi$  and  $B_d \rightarrow J/\psi K$  decays.

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**Session Classification:** WG5 Heavy Flavours

**Track Classification:** WG5 Heavy Flavours