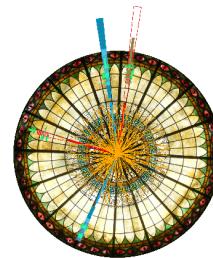


# DIS 2015

XXIII International Workshop on  
Deep-Inelastic Scattering and  
Related Subjects

Dallas, Texas  
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Contribution ID: 214

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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  $B_c \rightarrow J/\psi D(\bar{d})$  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