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## Search for new physics phenomena with heavy flavour quarks in ATLAS

*Monday 4 July 2016 15:20 (20 minutes)*

ATLAS has a wide programme of activities in B-physics. The results of studies in the electro-weak sector and beyond SM searches will be discussed, including CP violation and mixing in the  $B_0$ \_s and  $B_0$  systems, rare decay of  $B_0$ \_(s) to muon pairs, and angular correlations in the decay of  $B_0$  to  $K^*0$   $\mu^+\mu^-$ .

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