

B-Physics studies for ATLAS Upgrade

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Precise measurements of b-harons production and decays have potential in revealing possible effects of New Physics by observations of deviations from the Standard Model predictions. ATLAS experiment has a wide B-physics program, which is expected to continue at the High Luminosity LHC and the upgraded ATLAS detector. This talk will review the recent estimates of the performance of the key B-physics analyses at the HL-LHC phase.

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