

Measurement of CP-violation parameters in decays of $B^0_s \rightarrow J/\psi \Phi$ with the ATLAS detector

Monday, 10 October 2016 15:15 (30)

A measurement of the CP-violating weak phase ϕ_s and the B^0_s meson decay width difference with $B^0_s \rightarrow J/\psi \Phi$ decays in the ATLAS experiment is presented. It is based on integrated luminosity of 14.3 fb⁻¹ collected by the ATLAS detector from 8 TeV pp collisions at the LHC. The measured values are statistically combined with those from 4.9 fb⁻¹ of 7 TeV collisions data, yielding an overall Run-1 ATLAS result.

Primary author(s) : Mr. MAEVSKIY, Artem (Skobeltsyn Institute of Nuclear Physics (SINP MSU))

Presenter(s) : Mr. MAEVSKIY, Artem (Skobeltsyn Institute of Nuclear Physics (SINP MSU))

Session Classification : Poster session - I

Track Classification : Nuclear physics and particle physics