

Seminarium Studium Doktoranckiego NCBJ

Poniedziałek, 19 marca, godzina 9:00

Sala 22 w NCBJ, Hoża 69

Speaker: Varvara Batozskaya

(NCBJ)

Title: Measurement of CP observables in $B^0_s \rightarrow J/\psi(ee)\Phi(KK)$ decay at the LHCb experiment

Abstract: The determination of the CP-violating phase ϕ_s in $B^0_s \rightarrow J/\psi\Phi$ decays is one of the key goals of the LHCb experiment. Its value is predicted to be very small in the Standard Model. However, it can be significantly enhanced by contributions from effects of new physics. The first measurement of the CP-violating parameters in electron mode of the $B^0_s \rightarrow J/\psi\Phi$ decay using Run1 data collected at the LHCb will be discussed.